

JoeSandbox Cloud BASIC



**ID:** 411952

**Sample Name:**

NAO09009009.exe

**Cookbook:** default.jbs

**Time:** 09:43:46

**Date:** 12/05/2021

**Version:** 32.0.0 Black Diamond

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# Analysis Report NAO09009009.exe

## Overview

### General Information

|                              |                  |
|------------------------------|------------------|
| Sample Name:                 | NAO09009009.exe  |
| Analysis ID:                 | 411952           |
| MD5:                         | 592b395d837e34.. |
| SHA1:                        | 26498da5dfa5860. |
| SHA256:                      | e362816d729cd1.. |
| Tags:                        | NanoCore         |
| Infos:                       |                  |
| Most interesting Screenshot: |                  |
|                              |                  |

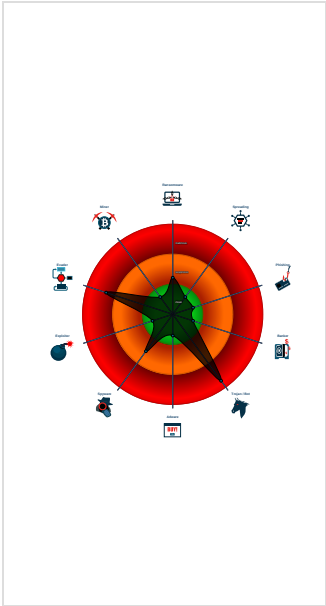
### Detection

|              |         |
|--------------|---------|
|              |         |
|              |         |
| Score:       | 100     |
| Range:       | 0 - 100 |
| Whitelisted: | false   |
| Confidence:  | 100%    |

### Signatures

|                                         |
|-----------------------------------------|
| Detected Nanocore Rat                   |
| Found malware configuration             |
| Malicious sample detected (through ...  |
| Multi AV Scanner detection for dropp... |
| Multi AV Scanner detection for subm...  |
| Sigma detected: NanoCore                |
| Yara detected Nanocore RAT              |
| .NET source code contains potentia...   |
| C2 URLs / IPs found in malware con...   |
| Hides that the sample has been dow...   |
| Machine Learning detection for samp...  |
| Maps a DLL or memory area into an...    |
| Uses schtasks.exe or at.exe to add ...  |
| Writes to foreign memory regions        |
| Activates or Modifies Learning data...  |

### Classification



## Startup

|                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ■ System is w10x64                                                                                                                                                               |
| •  NAO09009009.exe (PID: 5896 cmdline: 'C:\Users\user\Desktop\NAO09009009.exe' MD5: 592B395D837E34B3770D6113B213B877)                                                            |
| •  MSBuild.exe (PID: 1240 cmdline: 'C:\Users\user\Desktop\NAO09009009.exe' MD5: 88BBB7610152B48C2B3879473B17857E)                                                                |
| •  schtasks.exe (PID: 5404 cmdline: 'schtasks.exe' /create /f /tn 'DHCP Monitor' /xml 'C:\Users\user\AppData\Local\Temp\tmpD89D.tmp' MD5: 15FF7D8324231381BAD48A052F85DF04)      |
| •  conhost.exe (PID: 968 cmdline: 'C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)                                                    |
| •  conhost.exe (PID: 772 cmdline: 'C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)                                                    |
| •  schtasks.exe (PID: 1264 cmdline: 'schtasks.exe' /create /f /tn 'DHCP Monitor Task' /xml 'C:\Users\user\AppData\Local\Temp\tmpDC18.tmp' MD5: 15FF7D8324231381BAD48A052F85DF04) |
| •  conhost.exe (PID: 3732 cmdline: 'C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)                                                   |
| •  MSBuild.exe (PID: 5888 cmdline: 'C:\Windows\Microsoft.NET\Framework\v2.0.50727\MSBuild.exe 0 MD5: 88BBB7610152B48C2B3879473B17857E)                                           |
| •  conhost.exe (PID: 4900 cmdline: 'C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)                                                   |
| •  dhcpmon.exe (PID: 6076 cmdline: 'C:\Program Files (x86)\DHCP Monitor\dhcpmon.exe' 0 MD5: 88BBB7610152B48C2B3879473B17857E)                                                    |
| •  conhost.exe (PID: 5312 cmdline: 'C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)                                                   |
| •  dhcpmon.exe (PID: 5404 cmdline: 'C:\Program Files (x86)\DHCP Monitor\dhcpmon.exe' MD5: 88BBB7610152B48C2B3879473B17857E)                                                      |
| ■ cleanup                                                                                                                                                                        |

## Malware Configuration

Threatname: NanoCore

```
{
  "Version": "1.2.2.0",
  "Mutex": "2dd052c5-2546-4017-851f-7f690b3c",
  "Group": "Default",
  "Domain1": "185.222.57.171",
  "Domain2": "",
  "Port": 4445,
  "RunOnStartup": "Enable",
  "RequestElevation": "Enable",
  "BypassUAC": "Enable",
  "ClearZoneIdentifier": "Enable",
  "ClearAccessControl": "Disable",
  "SetCriticalProcess": "Disable",
  "PreventSystemSleep": "Enable",
  "ActivateAwayMode": "Disable",
  "EnableDebugMode": "Disable",
  "RunDelay": 0,
  "ConnectDelay": 4000,
  "RestartDelay": 5000,
  "TimeoutInterval": 5000,
  "KeepAliveTimeout": 30000,
  "MutexTimeout": 5000,
  "LanTimeout": 2500,
  "WanTimeout": 8000,
  "BufferSize": "ffff0000",
  "MaxPacketSize": "0000a000",
  "GCThreshold": "0000a000",
  "UseCustomDNS": "Enable",
  "PrimaryDNSServer": "8.8.8.8",
  "BackupDNSServer": "8.8.4.4",
  "BypassUserAccountControlData": "<?xml version='1.0' encoding='UTF-16'><Task version='1.2' xmlns='http://schemas.microsoft.com/windows/2004/02/mit/task'><RegistrationInfo /><Triggers /><Principals><Principal id='Author'><LogonType>InteractiveToken</LogonType><RunLevel>HighestAvailable</RunLevel></Principal></Principals><Settings><MultipleInstancesPolicy>Parallel</MultipleInstancesPolicy><DisallowStartIfOnBatteries>false</DisallowStartIfOnBatteries><StopIfGoingOnBatteries>false</StopIfGoingOnBatteries><AllowHardTerminate>true</AllowHardTerminate><StartWhenAvailable>false</StartWhenAvailable><RunOnlyIfNetworkAvailable>false</RunOnlyIfNetworkAvailable><IdleSettings><StopOnIdleEnd>false</StopOnIdleEnd><RestartOnIdle>false</RestartOnIdle></IdleSettings><AllowStartOnDemand>true</AllowStartOnDemand><Enabled>true</Enabled><Hidden>false</Hidden><RunOnlyIfIdle>false</RunOnlyIfIdle><WakeToRun>false</WakeToRun><ExecutionTimeLimit>PT0S</ExecutionTimeLimit><Priority>4</Priority></Settings><Actions Context='Author'><Exec><Command>#EXECUTABLEPATH</Command><Arguments>$(Arg0)</Arguments></Exec></Actions></Task>"
}
```

## Yara Overview

### Memory Dumps

| Source                                                                  | Rule                 | Description                | Author       | Strings                                                                                                                                                                                       |
|-------------------------------------------------------------------------|----------------------|----------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 00000002.00000002.484138546.000000000549<br>0000.00000004.00000001.sdmp | Nanocore_RAT_Gen_2   | Detetcs the Nanocore RAT   | Florian Roth | <ul style="list-style-type: none"><li>0xe75:\$x1: NanoCore.ClientPluginHost</li><li>0xe8f:\$x2: IClientNetworkHost</li></ul>                                                                  |
| 00000002.00000002.484138546.000000000549<br>0000.00000004.00000001.sdmp | Nanocore_RAT_Feb18_1 | Detects Nanocore RAT       | Florian Roth | <ul style="list-style-type: none"><li>0xe75:\$x2: NanoCore.ClientPluginHost</li><li>0x1261:\$s3: PipeExists</li><li>0x1136:\$s4: PipeCreated</li><li>0xeb0:\$s5: IClientLoggingHost</li></ul> |
| 00000002.00000002.484247616.000000000572<br>0000.00000004.00000001.sdmp | Nanocore_RAT_Gen_2   | Detetcs the Nanocore RAT   | Florian Roth | <ul style="list-style-type: none"><li>0xf7ad:\$x1: NanoCore.ClientPluginHost</li><li>0xf7da:\$x2: IClientNetworkHost</li></ul>                                                                |
| 00000002.00000002.484247616.000000000572<br>0000.00000004.00000001.sdmp | Nanocore_RAT_Feb18_1 | Detects Nanocore RAT       | Florian Roth | <ul style="list-style-type: none"><li>0xf7ad:\$x2: NanoCore.ClientPluginHost</li><li>0x10888:\$s4: PipeCreated</li><li>0xf7c7:\$s5: IClientLoggingHost</li></ul>                              |
| 00000002.00000002.484247616.000000000572<br>0000.00000004.00000001.sdmp | JoeSecurity_Nanocore | Yara detected Nanocore RAT | Joe Security |                                                                                                                                                                                               |

Click to see the 15 entries

### Unpacked PEs

| Source                               | Rule               | Description              | Author       | Strings                                                                                                                                                                                                                                                                                                        |
|--------------------------------------|--------------------|--------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.2.MSBuild.exe.3bf9c5e.4.raw.unpack | Nanocore_RAT_Gen_2 | Detetcs the Nanocore RAT | Florian Roth | <ul style="list-style-type: none"><li>0xe75:\$x1: NanoCore.ClientPluginHost</li><li>0x145e3:\$x1: NanoCore.ClientPluginHost</li><li>0x2d5a7:\$x1: NanoCore.ClientPluginHost</li><li>0xe8f:\$x2: IClientNetworkHost</li><li>0x14610:\$x2: IClientNetworkHost</li><li>0x2d5d4:\$x2: IClientNetworkHost</li></ul> |

| Source                               | Rule                 | Description                | Author                                 | Strings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------|----------------------|----------------------------|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.2.MSBuild.exe.3bf9c5e.4.raw.unpack | Nanocore_RAT_Feb18_1 | Detects Nanocore RAT       | Florian Roth                           | <ul style="list-style-type: none"> <li>• 0xe75:\$x2: NanoCore.ClientPluginHost</li> <li>• 0x145e3:\$x2: NanoCore.ClientPluginHost</li> <li>• 0x2d5a7:\$x2: NanoCore.ClientPluginHost</li> <li>• 0x1261:\$s3: PipeExists</li> <li>• 0x1136:\$s4: PipeCreated</li> <li>• 0x156be:\$s4: PipeCreated</li> <li>• 0x2e682:\$s4: PipeCreated</li> <li>• 0xeb0:\$s5: IClientLoggingHost</li> <li>• 0x145fd:\$s5: IClientLoggingHost</li> <li>• 0x2d5c1:\$s5: IClientLoggingHost</li> </ul>                                                                                                                                                                                                                                                                                                           |
| 2.2.MSBuild.exe.3bf9c5e.4.raw.unpack | JoeSecurity_Nanocore | Yara detected Nanocore RAT | Joe Security                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2.2.MSBuild.exe.3bf9c5e.4.raw.unpack | NanoCore             | unknown                    | Kevin Breen<br><kevin@techanarchy.net> | <ul style="list-style-type: none"> <li>• 0xddf:\$a: NanoCore</li> <li>• 0xe38:\$a: NanoCore</li> <li>• 0xe75:\$a: NanoCore</li> <li>• 0xeeee:\$a: NanoCore</li> <li>• 0x14599:\$a: NanoCore</li> <li>• 0x145ae:\$a: NanoCore</li> <li>• 0x145e3:\$a: NanoCore</li> <li>• 0x2d55d:\$a: NanoCore</li> <li>• 0x2d572:\$a: NanoCore</li> <li>• 0x2d5a7:\$a: NanoCore</li> <li>• 0xe41:\$b: ClientPlugin</li> <li>• 0xe7e:\$b: ClientPlugin</li> <li>• 0x177c:\$b: ClientPlugin</li> <li>• 0x1789:\$b: ClientPlugin</li> <li>• 0x14355:\$b: ClientPlugin</li> <li>• 0x14370:\$b: ClientPlugin</li> <li>• 0x143a0:\$b: ClientPlugin</li> <li>• 0x145b7:\$b: ClientPlugin</li> <li>• 0x145ec:\$b: ClientPlugin</li> <li>• 0x2d319:\$b: ClientPlugin</li> <li>• 0x2d334:\$b: ClientPlugin</li> </ul> |
| 2.2.MSBuild.exe.3bfea94.5.unpack     | Nanocore_RAT_Gen_2   | Detetcs the Nanocore RAT   | Florian Roth                           | <ul style="list-style-type: none"> <li>• 0xd9ad:\$x1: NanoCore.ClientPluginHost</li> <li>• 0xd9da:\$x2: IClientNetworkHost</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Click to see the 33 entries          |                      |                            |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Sigma Overview

### AV Detection:



Sigma detected: NanoCore

### E-Banking Fraud:



Sigma detected: NanoCore

### Stealing of Sensitive Information:



Sigma detected: NanoCore

### Remote Access Functionality:

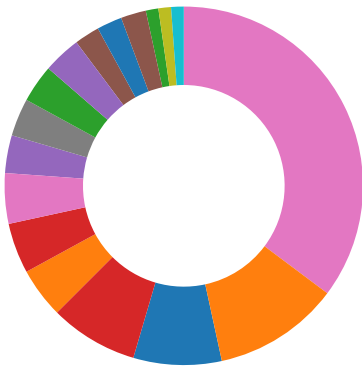


Sigma detected: NanoCore

## Signature Overview

- AV Detection
- Compliance
- Spreading
- Networking
- Key, Mouse, Clipboard, Microphone and Screen Capturing
- E-Banking Fraud
- System Summary
- Data Obfuscation
- Persistence and Installation Behavior
- Boot Survival
- Hooking and other Techniques for Hiding and Protection
- Malware Analysis System Evasion
- Anti Debugging

- HIPS / PFW / Operating System Protection Evasion
- Language, Device and Operating System Detection
- Stealing of Sensitive Information
- Remote Access Functionality



💡 Click to jump to signature section

#### AV Detection:



Found malware configuration

Multi AV Scanner detection for dropped file

Multi AV Scanner detection for submitted file

Yara detected Nanocore RAT

Machine Learning detection for sample

#### Networking:



C2 URLs / IPs found in malware configuration

#### E-Banking Fraud:



Yara detected Nanocore RAT

#### System Summary:



Malicious sample detected (through community Yara rule)

#### Data Obfuscation:



.NET source code contains potential unpacker

#### Boot Survival:



Uses schtasks.exe or at.exe to add and modify task schedules

#### Hooking and other Techniques for Hiding and Protection:



Hides that the sample has been downloaded from the Internet (zone.identifier)

#### HIPS / PFW / Operating System Protection Evasion:



Maps a DLL or memory area into another process

Writes to foreign memory regions

## Stealing of Sensitive Information:



Yara detected Nanocore RAT

## Remote Access Functionality:



Detected Nanocore Rat

Yara detected Nanocore RAT

## Mitre Att&ck Matrix

| Initial Access                      | Execution                         | Persistence                          | Privilege Escalation               | Defense Evasion                                  | Credential Access           | Discovery                                 | Lateral Movement                   | Collection                        | Exfiltration                                           | Command and Control                   | Network Effect         |
|-------------------------------------|-----------------------------------|--------------------------------------|------------------------------------|--------------------------------------------------|-----------------------------|-------------------------------------------|------------------------------------|-----------------------------------|--------------------------------------------------------|---------------------------------------|------------------------|
| Valid Accounts                      | Scheduled Task/Job <b>1</b>       | Scheduled Task/Job <b>1</b>          | Access Token Manipulation <b>1</b> | Masquerading <b>2</b>                            | Input Capture <b>2 1</b>    | Security Software Discovery <b>1 1 1</b>  | Remote Services                    | Input Capture <b>2 1</b>          | Exfiltration Over Other Network Medium                 | Encrypted Channel <b>1 2</b>          | Eaves Insec Netwo Comm |
| Default Accounts                    | Scheduled Task/Job                | Boot or Logon Initialization Scripts | Process Injection <b>2 1 2</b>     | Disable or Modify Tools <b>1</b>                 | LSASS Memory                | Process Discovery <b>2</b>                | Remote Desktop Protocol            | Archive Collected Data <b>1 1</b> | Exfiltration Over Bluetooth                            | Non-Standard Port <b>1</b>            | Exploit Redire Calls/  |
| Domain Accounts                     | At (Linux)                        | Logon Script (Windows)               | Scheduled Task/Job <b>1</b>        | Virtualization/Sandbox Evasion <b>3 1</b>        | Security Account Manager    | Virtualization/Sandbox Evasion <b>3 1</b> | SMB/Windows Admin Shares           | Clipboard Data <b>1</b>           | Automated Exfiltration                                 | Remote Access Software <b>1</b>       | Exploit Track Locati   |
| Local Accounts                      | At (Windows)                      | Logon Script (Mac)                   | Logon Script (Mac)                 | Access Token Manipulation <b>1</b>               | NTDS                        | Application Window Discovery <b>1</b>     | Distributed Component Object Model | Input Capture                     | Scheduled Transfer                                     | Application Layer Protocol <b>1 1</b> | SIM C Swap             |
| Cloud Accounts                      | Cron                              | Network Logon Script                 | Network Logon Script               | Process Injection <b>2 1 2</b>                   | LSA Secrets                 | File and Directory Discovery <b>2</b>     | SSH                                | Keylogging                        | Data Transfer Size Limits                              | Fallback Channels                     | Manip Device Comm      |
| Replication Through Removable Media | Launchd                           | Rc.common                            | Rc.common                          | Deobfuscate/Decode Files or Information <b>1</b> | Cached Domain Credentials   | System Information Discovery <b>1 5</b>   | VNC                                | GUI Input Capture                 | Exfiltration Over C2 Channel                           | Multiband Communication               | Jamm Denial Servic     |
| External Remote Services            | Scheduled Task                    | Startup Items                        | Startup Items                      | Hidden Files and Directories <b>1</b>            | DCSync                      | Network Sniffing                          | Windows Remote Management          | Web Portal Capture                | Exfiltration Over Alternative Protocol                 | Commonly Used Port                    | Rogue Acces            |
| Drive-by Compromise                 | Command and Scripting Interpreter | Scheduled Task/Job                   | Scheduled Task/Job                 | Obfuscated Files or Information <b>1</b>         | Proc Filesystem             | Network Service Scanning                  | Shared Webroot                     | Credential API Hooking            | Exfiltration Over Symmetric Encrypted Non-C2 Protocol  | Application Layer Protocol            | Down Insect Protoc     |
| Exploit Public-Facing Application   | PowerShell                        | At (Linux)                           | At (Linux)                         | Software Packing <b>1 1</b>                      | /etc/passwd and /etc/shadow | System Network Connections Discovery      | Software Deployment Tools          | Data Staged                       | Exfiltration Over Asymmetric Encrypted Non-C2 Protocol | Web Protocols                         | Rogue Base :           |

## Behavior Graph





## Antivirus, Machine Learning and Genetic Malware Detection

### Initial Sample

| Source          | Detection | Scanner        | Label                  | Link                   |
|-----------------|-----------|----------------|------------------------|------------------------|
| NAO09009009.exe | 33%       | Virustotal     |                        | <a href="#">Browse</a> |
| NAO09009009.exe | 34%       | ReversingLabs  | Win32.Backdoor.NanoBot |                        |
| NAO09009009.exe | 100%      | Joe Sandbox ML |                        |                        |

### Dropped Files

| Source                                                          | Detection | Scanner       | Label             | Link                   |
|-----------------------------------------------------------------|-----------|---------------|-------------------|------------------------|
| C:\Program Files (x86)\DHCP Monitor\dhcpmon.exe                 | 0%        | Metadefender  |                   | <a href="#">Browse</a> |
| C:\Program Files (x86)\DHCP Monitor\dhcpmon.exe                 | 0%        | ReversingLabs |                   |                        |
| C:\Users\user\AppData\Local\Temp\InsoCA66.tmp\5qzt14dbxib2e.dll | 26%       | ReversingLabs | Win32.Trojan.Jaik |                        |

### Unpacked PE Files

| Source                           | Detection | Scanner | Label                | Link | Download                      |
|----------------------------------|-----------|---------|----------------------|------|-------------------------------|
| 2.2.MSBuild.exe.5720000.8.unpack | 100%      | Avira   | TR/NanoCore.fadte    |      | <a href="#">Download File</a> |
| 2.2.MSBuild.exe.400000.0.unpack  | 100%      | Avira   | TR/Dropper.MSIL.Gen7 |      | <a href="#">Download File</a> |

### Domains

No Antivirus matches

## URLs

| Source                           | Detection | Scanner         | Label | Link                   |
|----------------------------------|-----------|-----------------|-------|------------------------|
|                                  | 0%        | Avira URL Cloud | safe  |                        |
| 185.222.57.171                   | 5%        | Virustotal      |       | <a href="#">Browse</a> |
| 185.222.57.171                   | 0%        | Avira URL Cloud | safe  |                        |
| http://go.microsoft.             | 0%        | URL Reputation  | safe  |                        |
| http://go.microsoft.             | 0%        | URL Reputation  | safe  |                        |
| http://go.microsoft.             | 0%        | URL Reputation  | safe  |                        |
| http://go.microsoft.             | 0%        | URL Reputation  | safe  |                        |
| http://go.microsoft.LinkId=42127 | 0%        | Avira URL Cloud | safe  |                        |

## Domains and IPs

### Contacted Domains

No contacted domains info

### Contacted URLs

| Name           | Malicious | Antivirus Detection                                                                                                  | Reputation |
|----------------|-----------|----------------------------------------------------------------------------------------------------------------------|------------|
|                | true      | <ul style="list-style-type: none"><li>Avira URL Cloud: safe</li></ul>                                                | low        |
| 185.222.57.171 | true      | <ul style="list-style-type: none"><li>5%, Virustotal, <a href="#">Browse</a></li><li>Avira URL Cloud: safe</li></ul> | unknown    |

## URLs from Memory and Binaries

| Name                               | Source                                                                                                                                                            | Malicious | Antivirus Detection                                                                                                                                         | Reputation |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| http://go.microsoft.               | dhcpmon.exe, 00000009.00000002.226502855.000000000129C000.0000004.00000020.sdmp, dhcpmon.exe, 0000000B.00000002.239160267.0000000001132000.00000004.00000020.sdmp | false     | <ul style="list-style-type: none"><li>URL Reputation: safe</li><li>URL Reputation: safe</li><li>URL Reputation: safe</li><li>URL Reputation: safe</li></ul> | unknown    |
| http://nsis.sf.net/NSIS_ErrorError | NAO09009009.exe                                                                                                                                                   | false     |                                                                                                                                                             | high       |
| http://go.microsoft.LinkId=42127   | dhcpmon.exe, 00000009.00000002.226502855.000000000129C000.0000004.00000020.sdmp, dhcpmon.exe, 0000000B.00000002.239160267.0000000001132000.00000004.00000020.sdmp | false     | <ul style="list-style-type: none"><li>Avira URL Cloud: safe</li></ul>                                                                                       | low        |

### Contacted IPs



## Public

| IP             | Domain  | Country     | Flag                                                                                | ASN   | ASN Name       | Malicious |
|----------------|---------|-------------|-------------------------------------------------------------------------------------|-------|----------------|-----------|
| 185.222.57.171 | unknown | Netherlands |  | 51447 | ROOTLAYERNETNL | true      |

## General Information

|                                                    |                                                                                                                               |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Joe Sandbox Version:                               | 32.0.0 Black Diamond                                                                                                          |
| Analysis ID:                                       | 411952                                                                                                                        |
| Start date:                                        | 12.05.2021                                                                                                                    |
| Start time:                                        | 09:43:46                                                                                                                      |
| Joe Sandbox Product:                               | CloudBasic                                                                                                                    |
| Overall analysis duration:                         | 0h 9m 46s                                                                                                                     |
| Hypervisor based Inspection enabled:               | false                                                                                                                         |
| Report type:                                       | light                                                                                                                         |
| Sample file name:                                  | NAO09009009.exe                                                                                                               |
| Cookbook file name:                                | default.jbs                                                                                                                   |
| Analysis system description:                       | Windows 10 64 bit v1803 with Office Professional Plus 2016, Chrome 85, IE 11, Adobe Reader DC 19, Java 8 Update 211           |
| Number of analysed new started processes analysed: | 33                                                                                                                            |
| Number of new started drivers analysed:            | 0                                                                                                                             |
| Number of existing processes analysed:             | 0                                                                                                                             |
| Number of existing drivers analysed:               | 0                                                                                                                             |
| Number of injected processes analysed:             | 0                                                                                                                             |
| Technologies:                                      | <ul style="list-style-type: none"> <li>HCA enabled</li> <li>EGA enabled</li> <li>HDC enabled</li> <li>AMSI enabled</li> </ul> |
| Analysis Mode:                                     | default                                                                                                                       |
| Analysis stop reason:                              | Timeout                                                                                                                       |
| Detection:                                         | MAL                                                                                                                           |
| Classification:                                    | mal100.troj.evad.winEXE@15/14@0/1                                                                                             |
| EGA Information:                                   | Failed                                                                                                                        |

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HDC Information:   | <ul style="list-style-type: none"> <li>Successful, ratio: 46.4% (good quality ratio 45.1%)</li> <li>Quality average: 86.2%</li> <li>Quality standard deviation: 23.2%</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| HCA Information:   | <ul style="list-style-type: none"> <li>Successful, ratio: 89%</li> <li>Number of executed functions: 0</li> <li>Number of non-executed functions: 0</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Cookbook Comments: | <ul style="list-style-type: none"> <li>Adjust boot time</li> <li>Enable AMSI</li> <li>Found application associated with file extension: .exe</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Warnings:          | <p>Show All</p> <ul style="list-style-type: none"> <li>Behavior information exceeds normal sizes, reducing to normal. Report will have missing behavior information.</li> <li>TCP Packets have been reduced to 100</li> <li>Excluded IPs from analysis (whitelisted): 104.42.151.234, 52.147.198.201, 104.43.193.48, 20.82.209.183, 184.30.20.56, 92.122.213.194, 92.122.213.247, 2.20.142.209, 2.20.142.210, 2.20.143.131, 2.20.143.23, 20.54.26.129, 20.50.102.62</li> <li>Excluded domains from analysis (whitelisted): au.download.windowsupdate.com.edgesuite.net, iris-de-prod-azsc-neu.northeurope.cloudapp.azure.com, fs.microsoft.com, ris-prod.trafficmanager.net, e1723.g.akamaiedge.net, ctldl.windowsupdate.com, a767.dscg3.akamai.net, fs-wildcard.microsoft.com.edgekey.net, fs-wildcard.microsoft.com.edgekey.net.globalredir.akadns.net, a1449.dscg2.akamai.net, iris-de-prod-azsc-uks.uksouth.cloudapp.azure.com, arc.msn.com, skypedataprdcolcus15.cloudapp.net, skypedataprdcolcus16.cloudapp.net, ris.api.iris.microsoft.com, blobcollector.events.data.trafficmanager.net, audownload.windowsupdate.nsatc.net, arc.trafficmanager.net, watson.telemetry.microsoft.com, img-prod-cms-rt-microsoft-com.akamaized.net, prod.fs.microsoft.com.akadns.net, skypedataprdcolwus16.cloudapp.net, au-bg-shim.trafficmanager.net</li> <li>Report size getting too big, too many NtAllocateVirtualMemory calls found.</li> </ul> |

## Simulations

### Behavior and APIs

| Time     | Type            | Description                                                                                                          |
|----------|-----------------|----------------------------------------------------------------------------------------------------------------------|
| 09:44:42 | Autostart       | Run: HKLM\Software\Microsoft\Windows\CurrentVersion\Run DHCP Monitor C:\Program Files (x86)\DHCP Monitor\dhcpmon.exe |
| 09:44:43 | API Interceptor | 978x Sleep call for process: MSBuild.exe modified                                                                    |
| 09:44:44 | Task Scheduler  | Run new task: DHCP Monitor path: "C:\Windows\Microsoft.NET\Framework\v2.0.50727\MSBuild.exe" s>\$(Arg0)              |
| 09:44:44 | Task Scheduler  | Run new task: DHCP Monitor Task path: "C:\Program Files (x86)\DHCP Monitor\dhcpmon.exe" s>\$(Arg0)                   |

## Joe Sandbox View / Context

### IPs

| Match          | Associated Sample Name / URL | SHA 256                  | Detection | Link                   | Context |
|----------------|------------------------------|--------------------------|-----------|------------------------|---------|
| 185.222.57.171 | SYT09009.exe                 | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                | EyOVPbKPk5.exe               | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                | AS90800009000000.exe         | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                | 090090000000.exe             | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                | fatura 893454.pdf.exe        | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                | 0997430988.exe               | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |

## Domains

No context

## ASN

| Match          | Associated Sample Name / URL                      | SHA 256                  | Detection | Link                   | Context          |
|----------------|---------------------------------------------------|--------------------------|-----------|------------------------|------------------|
| ROOTLAYERNETNL | SYT09009.exe                                      | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 185.222.57.171 |
|                | shipment documents.jar                            | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 185.222.58.147 |
|                | EyOVPbKPk5.exe                                    | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 185.222.57.171 |
|                | F14 PO pdf.jar                                    | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 185.222.58.147 |
|                | AS90800009000000.exe                              | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 185.222.57.171 |
|                | FATOUOO000.exe                                    | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 185.222.58.152 |
|                | Statement of Account April-2021.exe               | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 45.137.22.107  |
|                | 90800000900.exe                                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 45.137.22.107  |
|                | fixxing.exe                                       | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 45.137.22.50   |
|                | note-mxm.exe                                      | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 45.137.22.50   |
|                | purchase order confirmation.exe                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 45.137.22.50   |
|                | purchase order acknowledgement.exe                | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 45.137.22.50   |
|                | TBBurmah Trading Co., Ltd - products inquiry .exe | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 45.137.22.50   |
|                | FRIEGHT PAYMENT 41,634.20 USD .exe                | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 45.137.22.107  |
|                | Due Invoices.exe                                  | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 45.137.22.107  |
|                | PURCHASE ORDER - #0022223 DATED 29042021.exe      | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 45.137.22.50   |
|                | PURCHASE ORDER - #0022223, date29042021.exe       | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 45.137.22.50   |
|                | B_N SAO SWIFT MT103.exe                           | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 45.137.22.50   |
|                | PO0900009.exe                                     | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 185.222.58.152 |
|                | PURCHASE ORDER - #0022223 DATED 28042021.exe      | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | • 45.137.22.50   |

## JA3 Fingerprints

No context

## Dropped Files

| Match                                          | Associated Sample Name / URL                        | SHA 256                  | Detection | Link                   | Context |
|------------------------------------------------|-----------------------------------------------------|--------------------------|-----------|------------------------|---------|
| C:\Program Files (x86)\DHCP Monitor\dhcmon.exe | SYT09009.exe                                        | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                                                | RFQEMFA.Elektrik.exe                                | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                                                | cotizaci#U00f3n.PDF.exe                             | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                                                | MT103 Slip.exe                                      | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                                                | Bank details.exe                                    | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                                                | Shandong CIRS Form.exe                              | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                                                | Placement approval.exe                              | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                                                | filespdf.exe                                        | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                                                | goood.exe                                           | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                                                | Orden n.#U00ba STL21119, pdf.exe                    | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                                                | Orden n.#U00ba 21115, pdf.exe                       | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                                                | PO-WJO-001, pdf.exe                                 | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                                                | DFR2154747.vbe                                      | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                                                | SOA Dec2020.exe                                     | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                                                | SecuriteInfo.com.Variant.Mikey.117100.12986.exe     | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                                                | SecuriteInfo.com.Trojan.DownLoader36.7233.23906.exe | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                                                | Purchase Order PDF pdf.exe                          | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                                                | Orden CW62125Q, pdf.exe                             | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                                                | 7444478441.js                                       | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |
|                                                | 7444478441.js                                       | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> |         |

## Created / dropped Files

### C:\Program Files (x86)\DHCP Monitor\dhcmon.exe



|               |                                                                          |
|---------------|--------------------------------------------------------------------------|
| Process:      | C:\Windows\Microsoft.NET\Framework\v2.0.50727\MSBuild.exe                |
| File Type:    | PE32 executable (console) Intel 80386 Mono/.Net assembly, for MS Windows |
| Category:     | dropped                                                                  |
| Size (bytes): | 69632                                                                    |

| C:\Program Files (x86)\DHCP Monitor\dhcpmon.exe |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entropy (8bit):                                 | 5.20894581699571                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Encrypted:                                      | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SSDEEP:                                         | 768:NEIGiBcBuiyFjUwF0wdP9/rJMDnRFRJfStGpwV3e3qtAcy:ilGBu7jjP9/tMDn9Jt+VO3GO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MD5:                                            | 88BBB7610152B48C2B3879473B17857E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SHA1:                                           | 0F6CF8DD66AA58CE31DA4E8AC0631600EF055636                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SHA-256:                                        | 2C7ACC16D19D076D67E9F1F37984935899B79536C9AC6EEC8850C44D20F87616                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SHA-512:                                        | 5BACDF6C190A76C2C6A9A3519936E08E898AC8A2B1384D60429DF850BE778860435BF9E5EB316517D2345A5AAE201F369863F7A242134253978BCB5B2179CA58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Malicious:                                      | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Antivirus:                                      | <ul style="list-style-type: none"> <li>Antivirus: Metadefender, Detection: 0%, <a href="#">Browse</a></li> <li>Antivirus: ReversingLabs, Detection: 0%</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Joe Sandbox View:                               | <ul style="list-style-type: none"> <li>Filename: SYT09009.exe, Detection: malicious, <a href="#">Browse</a></li> <li>Filename: RFQEMFA.Elektrik.exe, Detection: malicious, <a href="#">Browse</a></li> <li>Filename: cotizaci#U00f3n.PDF.exe, Detection: malicious, <a href="#">Browse</a></li> <li>Filename: MT103 Slip.exe, Detection: malicious, <a href="#">Browse</a></li> <li>Filename: Bank details.exe, Detection: malicious, <a href="#">Browse</a></li> <li>Filename: Shandong CIRS Form.exe, Detection: malicious, <a href="#">Browse</a></li> <li>Filename: Placement approval.exe, Detection: malicious, <a href="#">Browse</a></li> <li>Filename: filespdf.exe, Detection: malicious, <a href="#">Browse</a></li> <li>Filename: goood.exe, Detection: malicious, <a href="#">Browse</a></li> <li>Filename: Orden n.#U00ba STL21119, pdf.exe, Detection: malicious, <a href="#">Browse</a></li> <li>Filename: Orden n.#U00ba 21115, pdf.exe, Detection: malicious, <a href="#">Browse</a></li> <li>Filename: PO-WJO-001, pdf.exe, Detection: malicious, <a href="#">Browse</a></li> <li>Filename: DFR2154747.vbe, Detection: malicious, <a href="#">Browse</a></li> <li>Filename: SOA Dec2020.exe, Detection: malicious, <a href="#">Browse</a></li> <li>Filename: SecuriteInfo.com.Variant.Mikey.117100.12986.exe, Detection: malicious, <a href="#">Browse</a></li> <li>Filename: SecuriteInfo.com.Trojan.DownLoader36.7233.23906.exe, Detection: malicious, <a href="#">Browse</a></li> <li>Filename: Purchase Order PDF pdf.exe, Detection: malicious, <a href="#">Browse</a></li> <li>Filename: Orden CW62125Q, pdf.exe, Detection: malicious, <a href="#">Browse</a></li> <li>Filename: 7444478441.js, Detection: malicious, <a href="#">Browse</a></li> <li>Filename: 7444478441.js, Detection: malicious, <a href="#">Browse</a></li> </ul> |
| Reputation:                                     | moderate, very likely benign file                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Preview:                                        | MZ.....@.....!..L!This program cannot be run in DOS mode....\$.PE..L....{Z.....@.....@.....@.....99..<br>..@.....S.....\.....H.....text.....\rsrc.....\.....0.....@.....@.reloc.....<br>.....@..B.....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

| C:\Users\user\AppData\Local\Microsoft\CLR_v2.0_32\UsageLogs\MSBuild.exe.log |                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:                                                                    | C:\Windows\Microsoft.NET\Framework\v2.0.50727\MSBuild.exe                                                                                                                                                                                                                                                                             |
| File Type:                                                                  | ASCII text, with CRLF line terminators                                                                                                                                                                                                                                                                                                |
| Category:                                                                   | modified                                                                                                                                                                                                                                                                                                                              |
| Size (bytes):                                                               | 325                                                                                                                                                                                                                                                                                                                                   |
| Entropy (8bit):                                                             | 5.334380084018418                                                                                                                                                                                                                                                                                                                     |
| Encrypted:                                                                  | false                                                                                                                                                                                                                                                                                                                                 |
| SSDEEP:                                                                     | 6:Q3LadLCR22IAQykdl1tZbLsbFLIP12MUAvvro6ysGMFLIP12MUAvvrs:Q3LaJU20NaL1tZbgbe4MqJsGMe4M6                                                                                                                                                                                                                                               |
| MD5:                                                                        | 65CE98936A67552310EFE2F0FF5BDF88                                                                                                                                                                                                                                                                                                      |
| SHA1:                                                                       | 8133653A6B9A169C7496ADE315CED322CFC3613A                                                                                                                                                                                                                                                                                              |
| SHA-256:                                                                    | 682F7C55B1B6E189D17755F74959CD08762F91373203B3B982ACFFCADE2E871A                                                                                                                                                                                                                                                                      |
| SHA-512:                                                                    | 2D00AC024267EC384720A400F6D0B4F7EDDF49FAF8AB3C9E6CBFBBAE90ECADACA9022B33E3E8EC92E4F57C7FC830299C8643235EB4AA7D8A6AFE9DD1775F7C3                                                                                                                                                                                                       |
| Malicious:                                                                  | false                                                                                                                                                                                                                                                                                                                                 |
| Preview:                                                                    | 1,"fusion","GAC",0..3,"C:\Windows\assembly\NativeImages_v2.0.50727_32\System\1ffc437de59fb69ba2b865ffdc98ffd1\System.ni.dll",0..2,"Microsoft.Build.Engine, Version=2.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a",0..2,"Microsoft.Build.Framework, Version=2.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a",0.. |

| C:\Users\user\AppData\Local\Microsoft\CLR_v2.0_32\UsageLogs\dhcpmon.exe.log |                                                                                                                                 |
|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Process:                                                                    | C:\Program Files (x86)\DHCP Monitor\dhcpmon.exe                                                                                 |
| File Type:                                                                  | ASCII text, with CRLF line terminators                                                                                          |
| Category:                                                                   | modified                                                                                                                        |
| Size (bytes):                                                               | 441                                                                                                                             |
| Entropy (8bit):                                                             | 5.388715099859351                                                                                                               |
| Encrypted:                                                                  | false                                                                                                                           |
| SSDEEP:                                                                     | 12:Q3LaJU20NaL10U2+gYhD5itZbgbe4MqJsGMe4M6:MLF20NaL32+g2OH4xvn4j                                                                |
| MD5:                                                                        | 88F0104DB9A3F9BC4F0FC3805F571B0D                                                                                                |
| SHA1:                                                                       | CDD4F34385792F0CCE0A844F4ABB447C25AB4E73                                                                                        |
| SHA-256:                                                                    | F6C11D3D078ED73F2640DA510E68DEEAA5F14F79CAE2E23A254B4E37C7D0230F                                                                |
| SHA-512:                                                                    | 04B977F63CAB8DE20EA7EFA9D4299C2E625D92FA6D54CA03EECD9F322E978326B353824F23BEC0E712083BDE0DBC5CC4EE90922137106B096050CA46A166DFE |
| Malicious:                                                                  | false                                                                                                                           |

|                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C:\Users\user\AppData\Local\Microsoft\CLR_v2.0_32\UsageLogs\dhcpmon.exe.log |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Preview:                                                                    | 1,"fusion","GAC",0..3,"C:\Windows\assembly\NativeImages_v2.0.50727_32\System1ffc437de59fb69ba2b865ffdc98ffd1\System.ni.dll",0..3,"C:\Windows\assembly\NativeImages_v2.0.50727_32\System.Xml1527c933194f3a99a816d83c619a3e1d3\System.Xml.ni.dll",0..2,"Microsoft.Build.Engine, Version=2.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a",0..2,"Microsoft.Build.Framework, Version=2.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a",0.. |

|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| C:\Users\user\AppData\Local\Temp\insdCA26.tmp |                                                                                                                                 |
| Process:                                      | C:\Users\user\Desktop\NAO09009009.exe                                                                                           |
| File Type:                                    | data                                                                                                                            |
| Category:                                     | dropped                                                                                                                         |
| Size (bytes):                                 | 232699                                                                                                                          |
| Entropy (8bit):                               | 7.9458235958445975                                                                                                              |
| Encrypted:                                    | false                                                                                                                           |
| SSDEEP:                                       | 6144:fYBGR9+zLRHhBFi+StSPBG/gIT6+ZgfNvUrGXfKE8UFUo5:gB3zhtBSesb6CgfNvxkE1t                                                      |
| MD5:                                          | BFBA87CE8CA843AA02E81A2289ECB113                                                                                                |
| SHA1:                                         | E1E727DA17C004DC2B4A58C9E712677B68339F93                                                                                        |
| SHA-256:                                      | 9C9EF994D63DEC90825F6F3EC91C81284CD9A51B6F1F8EEB542C11AC05E16D05                                                                |
| SHA-512:                                      | 6B52BBC1279D3A8DD01536D7B509025A35CF347D846763DC2F394B43288ABD294D8E9A82E7940FBFB8F5D15AB8776773DC9A79F7F8A0B622890E72049BCF509 |
| Malicious:                                    | false                                                                                                                           |
| Preview:                                      | .....d.....<br>.....G.....j.....<br>.....<br>.....                                                                              |

|                                                                  |                                                                                                                                                                       |
|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C:\Users\user\AppData\Local\Temp\insOCA66.tmp\5qzt14dbsxlb2e.dll |                                                                                                                                                                       |
| Process:                                                         | C:\Users\user\Desktop\NAO09009009.exe                                                                                                                                 |
| File Type:                                                       | PE32 executable (DLL) (console) Intel 80386, for MS Windows                                                                                                           |
| Category:                                                        | dropped                                                                                                                                                               |
| Size (bytes):                                                    | 4096                                                                                                                                                                  |
| Entropy (8bit):                                                  | 3.633293990487776                                                                                                                                                     |
| Encrypted:                                                       | false                                                                                                                                                                 |
| SSDEEP:                                                          | 48:qV++kltwuvDujtEzqwUQgMR2u5INd/Z3Gmh:qkHvjDNmw/8u7Hnh                                                                                                               |
| MD5:                                                             | 3BFC96F1A112C283B6585A4CE0C7D189                                                                                                                                      |
| SHA1:                                                            | 061A77A69DCA69D2A344A908EBF8598921DD5FFA                                                                                                                              |
| SHA-256:                                                         | 1CBF681459CACFDCAFE28399CA2BB190CE556A573436C8A2B205ABAFB62D948E                                                                                                      |
| SHA-512:                                                         | 1779FE59F5A09408B039B126FCC2E2E273525458D61184FB217E056C97EDC73F541693C01F7C7AA116368294864FD8781642B7611D820456A5113281A58D74D7                                      |
| Malicious:                                                       | true                                                                                                                                                                  |
| Antivirus:                                                       | <ul style="list-style-type: none"><li>Antivirus: ReversingLabs, Detection: 26%</li></ul>                                                                              |
| Preview:                                                         | MZ.....@.....!..L!This program cannot be run in DOS mode....\$.PE..L...D`.....<br>!.@.....@.....\$.K.....text.....<br>..rdata.....@..@.data.....0.....@.....<br>..... |

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C:\Users\user\AppData\Local\Temp\lq1do00rficztdt |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Process:                                         | C:\Users\user\Desktop\NAO09009009.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| File Type:                                       | data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Category:                                        | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Size (bytes):                                    | 15877                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Entropy (8bit):                                  | 7.987428846489735                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Encrypted:                                       | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SSDEEP:                                          | 384:qPV4M3TqyXeFbRGwo/pSnmfM6R4uHlZbmUnFoWHouj89n4:qiM3dcf2pSfZR1HnbmyrHouj89n4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| MD5:                                             | 24BD111E1EDB9B67A16668B909F37B80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SHA1:                                            | 6706B953B5D1B4C211A4DD0926B380776C3CA1A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SHA-256:                                         | 5B454CCD88BC78732CE6B6A40FEC0BBBC5FDEE4191F94ABF0B8DAD8AD06DB629                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SHA-512:                                         | 08F9CAD39D360AC5EE34E4CFA1FEA6DBBE6E2EA87481D69A3643891507E27B94C815917F0A02F24F71BA55C7667771534B69FB008806D832894E01F602B59F23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Malicious:                                       | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Preview:                                         | l.p...%q...9t.sK.z...t.h.....l...p.)J.-...{[{'..N.....; .R...C... _Li.D...?..=..l@.....;e.U.....a.HAa.A....2"..p9.....{z.H...E..V.)Ff.Ft,-...?.>C>.....r.C.S...J.)c.BSs.[...*...<..Z.....R.p.F...W.u.p.SpP0X...3...1..E4..../.i.l...D...u.LUu.U.....6..Z].....&.n\...Y.f.z.lZz.Zm8.1.5.#..-O".....G.G...^..w.^Gg....>..@..V.....d.J...[...d.wTt.../'..%.Q(.......)M...H...i.'li.l.....*0h1.....r.P...M.#.^eNn.N.\$.%...7..K6.....[.K..R.....{JKk.C.'2...\$.B/.....x.^..O...x.[Xx.P"...9.eM<.....a.a..L...}.t(..hnK...f3.R%...~.z.....*.....?..CK~n.[{b.../...4...s...f.....&.^HyC.Hh).=.*#8.).....f.....=.QMdX.Mmx.:.@ 23....%.W7..K6...g...TQ)....[.....t/q%..lUL....o_.....x .....r...QP"....;..z-'.[SF^Ccz.0..7....k....~...J.....>..F^aC.`e.5.."@ l.Yx....a.....5..YEIX.Ee..2.8!.;&.l.....f.C.S..J..r7.l..3..'...<?6..Mmx. |

|                                              |                                                           |
|----------------------------------------------|-----------------------------------------------------------|
| C:\Users\user\AppData\Local\Temp\lmpD89D.tmp |                                                           |
| Process:                                     | C:\Windows\Microsoft.NET\Framework\v2.0.50727\MSBuild.exe |
| File Type:                                   | XML 1.0 document, ASCII text, with CRLF line terminators  |
| Category:                                    | dropped                                                   |
| Size (bytes):                                | 1320                                                      |

C:\Users\user\AppData\Local\Temp\tmpD89D.tmp



|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entropy (8bit): | 5.136963558289723                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Encrypted:      | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SSDEEP:         | 24:2dH4+S/4oL600QIMhEMjn5pwjVLUYODOLG9RJh7h8gK0mnc2xtn:cbk4oL600QydbQxIYODOLedq3ZLj                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| MD5:            | AE766004C0D8792953BAFFFE8F6A2E3B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SHA1:           | 14B12F27543A401E2FE0AF8052E116CAB0032426                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SHA-256:        | 1ABDD9B6A6B84E4BA1AF1282DC84CE276C59BA253F4C4AF05FEA498A4FD99540                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SHA-512:        | E530DA4A5D4336FC37838D0E93B5EB3804B9C489C71F6954A47FC81A4C655BB72EC493E109CF96E6E3617D7623AC80697AD3BBD5FFC6281BAFC8B34DCA5E657                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Malicious:      | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Preview:        | <?xml version="1.0" encoding="UTF-16"?>..<Task version="1.2" xmlns="http://schemas.microsoft.com/windows/2004/02/mit/task">.. <RegistrationInfo />.. <Triggers />.. <Principals>.. <Principal id="Author">.. <LogonType>InteractiveToken</LogonType>.. <RunLevel>HighestAvailable</RunLevel>.. </Principal>.. </Principals>.. <Settings>.. <MultipleInstancesPolicy>Parallel</MultipleInstancesPolicy>.. <DisallowStartIfOnBatteries>>false</DisallowStartIfOnBatteries>.. <StopIfGoingOnBatteries>false</StopIfGoingOnBatteries>.. <AllowHardTerminate>true</AllowHardTerminate>.. <StartWhenAvailable>false</StartWhenAvailable>.. <RunOnlyIfNetworkAvailable>false</RunOnlyIfNetworkAvailable>.. <IdleSettings>.. <StopOnIdleEnd>false</StopOnIdleEnd>.. <RestartOnIdle>false</RestartOnIdle>.. <IdleSettings>.. <AllowStartOnDemand>true</AllowStartOnDemand>.. <Enabled>true</Enabled>.. <Hidden>false</Hidden>.. <RunOnlyIfIdle>false</RunOnlyIfIdle>.. <Wak |

C:\Users\user\AppData\Local\Temp\tmpDC18.tmp

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Windows\Microsoft.NET\Framework\v2.0.50727\MSBuild.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| File Type:      | XML 1.0 document, ASCII text, with CRLF line terminators                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Category:       | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Size (bytes):   | 1310                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Entropy (8bit): | 5.109425792877704                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Encrypted:      | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SSDEEP:         | 24:2dH4+S/4oL600QIMhEMjn5pwjVLUYODOLG9RJh7h8gK0R3xtn:cbk4oL600QydbQxIYODOLedq3S3j                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MD5:            | 5C2F41CFC6F988C859DA7D727AC2B62A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SHA1:           | 68999C85FC7E37BAB9216E0099836D40D4545C1C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SHA-256:        | 98B6E66B6C2173B9B91FC97FE51805340EFDE978B695453742EBAB631018398B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SHA-512:        | B5DA5DA378D038AFBF8A7738E47921ED39F9B726E2CAA2993D915D9291A3322F94EFE8CCA6E7AD678A670DB19926B22B20E5028460FCC89CEA7F6635E755733                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Malicious:      | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Preview:        | <?xml version="1.0" encoding="UTF-16"?>..<Task version="1.2" xmlns="http://schemas.microsoft.com/windows/2004/02/mit/task">.. <RegistrationInfo />.. <Triggers />.. <Principals>.. <Principal id="Author">.. <LogonType>InteractiveToken</LogonType>.. <RunLevel>HighestAvailable</RunLevel>.. </Principal>.. </Principals>.. <Settings>.. <MultipleInstancesPolicy>Parallel</MultipleInstancesPolicy>.. <DisallowStartIfOnBatteries>false</DisallowStartIfOnBatteries>.. <StopIfGoingOnBatteries>false</StopIfGoingOnBatteries>.. <AllowHardTerminate>true</AllowHardTerminate>.. <StartWhenAvailable>false</StartWhenAvailable>.. <RunOnlyIfNetworkAvailable>false</RunOnlyIfNetworkAvailable>.. <IdleSettings>.. <StopOnIdleEnd>false</StopOnIdleEnd>.. <RestartOnIdle>false</RestartOnIdle>.. </IdleSettings>.. <AllowStartOnDemand>true</AllowStartOnDemand>.. <Enabled>true</Enabled>.. <Hidden>false</Hidden>.. <RunOnlyIfIdle>false</RunOnlyIfIdle>.. <Wak |

C:\Users\user\AppData\Local\Temp\yw4e566wncbxyt



|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Users\user\Desktop\NAO09009009.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| File Type:      | data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Category:       | dropped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Size (bytes):   | 207872                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Entropy (8bit): | 7.999202585371924                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Encrypted:      | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SSDEEP:         | 6144:2+ZLRHHtBfi+SISPBGGIT6+ZgfnVUrGXfK8UFUoW:PzhtBSesb6CgfnvxkE1tW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| MD5:            | 858FF867A327D25FA18931791F3B062E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SHA1:           | D072503D61F302AAAC6B711E192AF5F02535F568                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SHA-256:        | 32B1B06E77375392D1204FFB933AB8337D10FC11C22C2069633011998372C5A5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SHA-512:        | 29F162D83DBB46E1BD25BC99C8088DB29C057BAC5435DF80C000957B41B450AC6E3128C3CB57275198465605527D959B51457BC4F29CD4CBB0D9EBECAAFFB328                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Malicious:      | false                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Preview:        | C...SypS.....q,\$S./M...[O..h..[r..[S..[...Y...X..0..... _ _j...[O.V;q..fz.O.?jff...Oa=..+..e...].C.<....D0.Y..{7....*..{C.Z.&x.05s...~&.....M.(...r'.....^w..d&UV..Zb.M...{*...l..8z.4..#R..R....*.../...v..~MF!/.6..K0..K..w..F..R[z.j]"?ev8.rZ.5.g&..W6..'.Dh3...9..5rh.\mD.f....h.....6.c3::P..C.....'+.=A.....}b.{..B..d.ny.jX.../..[...=l.. ..9..6..w.p.O.j..e vO.R.Gb.S2..W6\$.....QUi[.jwG"..*,\$.....Q>.T....T.%)&...]......+'.M.]6T...g...j..L..O;..l..+..A.M.*1.N...j<.....7.....F9[.9.....ok...W...../?.n.....h.@...>..;O..?9@..p[.....*g..S"...[...[L.....#..Z..'....2L5:.....o..U0.*(E.,#...Y..Z...9C'..'.M.....X.....7".....NU.;)...+w...8.....3.5.5.(G.v.=.....e...P....gf....W....=Z..t.7y.k[...-2gu..w...j..!].A?4..n.....XP.c6V].....2p.o.<.....Rm.<...0.jq.-]cN.M.....@..._s;..e.3M#.F....L;_+((...V!.hSt....t.X<.....T.._/_.....4k.Sd.BS"..B(..u..2.S. |

C:\Users\user\AppData\Roaming\lD06ED635-68F6-4E9A-955C-4899F5F57B9A\run.dat



|                 |                                                           |
|-----------------|-----------------------------------------------------------|
| Process:        | C:\Windows\Microsoft.NET\Framework\v2.0.50727\MSBuild.exe |
| File Type:      | data                                                      |
| Category:       | dropped                                                   |
| Size (bytes):   | 8                                                         |
| Entropy (8bit): | 3.0                                                       |
| Encrypted:      | false                                                     |
| SSDEEP:         | 3:Eq:R                                                    |
| MD5:            | B7F8B97632E6216C1F0F73EA5DD90CC1                          |

|                                                                              |                                                                                                                                  |                                                                                    |
|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| C:\Users\user\AppData\Roaming\{D06ED635-68F6-4E9A-955C-4899F5F57B9A}\run.dat |                                                                                                                                  |  |
| SHA1:                                                                        | BDE7507A816875E5FD1BF7FE63870814AE874231                                                                                         |                                                                                    |
| SHA-256:                                                                     | D7BD87BDD316B1C3E51C0A384C58836AFB9553F95343E3A47974229F55C02DD2                                                                 |                                                                                    |
| SHA-512:                                                                     | 3ADB9F12EEEC3918FB2D0F12791ECFEFF8BE85628C81B2728EB2348A01AD6FF44B897E29C8CDBADB28FF0E53E49253491570560E03557CF2AECB0FA37C7D4ED7 |                                                                                    |
| Malicious:                                                                   | true                                                                                                                             |                                                                                    |
| Preview:                                                                     | 2i.=e..H                                                                                                                         |                                                                                    |

|                                                                               |                                                                                                                                  |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| C:\Users\user\AppData\Roaming\{D06ED635-68F6-4E9A-955C-4899F5F57B9A}\task.dat |                                                                                                                                  |
| Process:                                                                      | C:\Windows\Microsoft.NET\Framework\v2.0.50727\MSBuild.exe                                                                        |
| File Type:                                                                    | ASCII text, with no line terminators                                                                                             |
| Category:                                                                     | dropped                                                                                                                          |
| Size (bytes):                                                                 | 57                                                                                                                               |
| Entropy (8bit):                                                               | 4.85263908467479                                                                                                                 |
| Encrypted:                                                                    | false                                                                                                                            |
| SSDEEP:                                                                       | 3:oMty8WbSI1u:oMLWul1u                                                                                                           |
| MD5:                                                                          | A35128E4E28B27328F70E4E8FF482443                                                                                                 |
| SHA1:                                                                         | B89066B2F8DB34299AABFD7ABEE402D5444DD079                                                                                         |
| SHA-256:                                                                      | 88AEA00733DC4B570A29D56A423CC5BF163E5ACE7AF349972EB0BBA8D9AD06E1                                                                 |
| SHA-512:                                                                      | F098E844B5373B34642B49B6E0F2E15CFDAA1A8B6CABC2196CEC0F3765289E5B1FD4AB588DD65F97C8E51FA9A81077621E9A06946859F296904C646906A70F33 |
| Malicious:                                                                    | false                                                                                                                            |
| Preview:                                                                      | C:\Windows\Microsoft.NET\Framework\v2.0.50727\MSBuild.exe                                                                        |

|                 |                                                                                                                                                                                                                                                                                                                    |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| \Device\ConDrv  |                                                                                                                                                                                                                                                                                                                    |
| Process:        | C:\Program Files (x86)\DHCP Monitor\dhcpmon.exe                                                                                                                                                                                                                                                                    |
| File Type:      | ASCII text, with CRLF line terminators                                                                                                                                                                                                                                                                             |
| Category:       | dropped                                                                                                                                                                                                                                                                                                            |
| Size (bytes):   | 306                                                                                                                                                                                                                                                                                                                |
| Entropy (8bit): | 4.969261552825097                                                                                                                                                                                                                                                                                                  |
| Encrypted:      | false                                                                                                                                                                                                                                                                                                              |
| SSDEEP:         | 6:zx3M1t\AX8bSWR30qysGMQbSVRRZBXVRbJ0fFdCsq2UTiMdH8stCa\+n:zK1XnV30ZsGMIG9BFRbQdCT2UftCM+                                                                                                                                                                                                                          |
| MD5:            | F227448515085A647910907084E6728E                                                                                                                                                                                                                                                                                   |
| SHA1:           | 5FA1A8E28B084DA25A1BBC51A2D75810CEF57E2C                                                                                                                                                                                                                                                                           |
| SHA-256:        | 662BA47D628FE8EBE95DD47B4482110A10B49AED09387BC0E028BB66E68E20BD                                                                                                                                                                                                                                                   |
| SHA-512:        | 6F6E5DFFF7B17C304FB19B0BA5466AF84EF98A5C2EFA573AF72CFD3ED6964E9FD7F8E4B79FCFFBEF87CE545418C69D4984F4DD60BBF457D0A3640950F8FC5AF0                                                                                                                                                                                   |
| Malicious:      | false                                                                                                                                                                                                                                                                                                              |
| Preview:        | Microsoft (R) Build Engine Version 2.0.50727.8922..[Microsoft .NET Framework, Version 2.0.50727.8922]..Copyright (C) Microsoft Corporation 2005. All rights reserved.....MSBUILD : error MSB1003: Specify a project or solution file. The current working directory does not contain a project or solution file... |

## Static File Info

|                 |                                                                                                                                                                                                                                                                           |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General         |                                                                                                                                                                                                                                                                           |
| File type:      | PE32 executable (GUI) Intel 80386, for MS Windows, Nullsoft Installer self-extracting archive                                                                                                                                                                             |
| Entropy (8bit): | 7.827750389453101                                                                                                                                                                                                                                                         |
| TrID:           | <ul style="list-style-type: none"><li>Win32 Executable (generic) a (10002005/4) 99.96%</li><li>Generic Win/DOS Executable (2004/3) 0.02%</li><li>DOS Executable Generic (2002/1) 0.02%</li><li>Autodesk FLIC Image File (extensions: flc, fli, cel) (7/3) 0.00%</li></ul> |
| File name:      | NAO09009009.exe                                                                                                                                                                                                                                                           |
| File size:      | 283759                                                                                                                                                                                                                                                                    |
| MD5:            | 592b395d837e34b3770d6113b213b877                                                                                                                                                                                                                                          |
| SHA1:           | 26498da5dfa58609b38a6f0d294d35e60608cb78                                                                                                                                                                                                                                  |
| SHA256:         | e362816d729cd17eeca2ca5361937558f0455463bf4fba74d220163c43f46308                                                                                                                                                                                                          |
| SHA512:         | 8545fa49f2c7a11bc619e79bf782ae85183a0430b1a79d742a2a66f9e4d39768aca5eab66d56d1c3414200edc4e5806d01a5bfc3e23a2e351986a5add9afc7f0                                                                                                                                          |
| SSDEEP:         | 6144:jgORakB1sWrqD1jMeImmpaEBcrdNvBVcl15AArbVKWJua:jgl1sWrqRnlhIEOdVLnA+JH                                                                                                                                                                                                |

## General

File Content Preview:

MZ.....@.....!..L!Th  
is program cannot be run in DOS mode...\$.....1...Pf..P  
f..Pf.\*\_9..Pf..Pg.LPf.\*\_..Pf..sv..Pf..V'..Pf.Rich.Pf.....  
.....PE..L....\$\_.....f...\*.....

## File Icon



Icon Hash:

e4e6b292a4b4bcb4

## Static PE Info

### General

|                             |                                                                                           |
|-----------------------------|-------------------------------------------------------------------------------------------|
| Entrypoint:                 | 0x4035d8                                                                                  |
| Entrypoint Section:         | .text                                                                                     |
| Digitally signed:           | false                                                                                     |
| Imagebase:                  | 0x400000                                                                                  |
| Subsystem:                  | windows gui                                                                               |
| Image File Characteristics: | LOCAL_SYMS_STRIPPED, 32BIT_MACHINE, EXECUTABLE_IMAGE, LINE_NUMS_STRIPPED, RELOCS_STRIPPED |
| DLL Characteristics:        | NO_SEH, TERMINAL_SERVER_AWARE, DYNAMIC_BASE, NX_COMPAT                                    |
| Time Stamp:                 | 0x5F24D702 [Sat Aug 1 02:44:18 2020 UTC]                                                  |
| TLS Callbacks:              |                                                                                           |
| CLR (.Net) Version:         |                                                                                           |
| OS Version Major:           | 4                                                                                         |
| OS Version Minor:           | 0                                                                                         |
| File Version Major:         | 4                                                                                         |
| File Version Minor:         | 0                                                                                         |
| Subsystem Version Major:    | 4                                                                                         |
| Subsystem Version Minor:    | 0                                                                                         |
| Import Hash:                | c05041e01f84e1ccca9c4451f3b6a383                                                          |

### Entrypoint Preview

#### Instruction

```
sub esp, 000002D4h
push ebx
push esi
push edi
push 00000020h
pop edi
xor ebx, ebx
push 00008001h
mov dword ptr [esp+14h], ebx
mov dword ptr [esp+10h], 0040A230h
mov dword ptr [esp+1Ch], ebx
call dword ptr [004080C8h]
call dword ptr [004080CCh]
and eax, BFFFFFFFh
cmp ax, 00000006h
mov dword ptr [0042A26Ch], eax
je 00007F4D4493F713h
push ebx
call 00007F4D44942A19h
cmp eax, ebx
je 00007F4D4493F709h
push 00000C00h
call eax
mov esi, 004082B0h
push esi
call 00007F4D44942993h
push esi
call dword ptr [00408154h]
lea esi, dword ptr [esi+eax+01h]
```

|                                    |
|------------------------------------|
| <b>Instruction</b>                 |
| cmp byte ptr [esi], 00000000h      |
| jne 00007F4D4493F6ECh              |
| push 0000000Bh                     |
| call 00007F4D449429ECh             |
| push 00000009h                     |
| call 00007F4D449429E5h             |
| push 00000007h                     |
| mov dword ptr [0042A264h], eax     |
| call 00007F4D449429D9h             |
| cmp eax, ebx                       |
| je 00007F4D4493F711h               |
| push 0000001Eh                     |
| call eax                           |
| test eax, eax                      |
| je 00007F4D4493F709h               |
| or byte ptr [0042A26Fh], 00000040h |
| push ebp                           |
| call dword ptr [00408038h]         |
| push ebx                           |
| call dword ptr [00408298h]         |
| mov dword ptr [0042A338h], eax     |
| push ebx                           |
| lea eax, dword ptr [esp+34h]       |
| push 000002B4h                     |
| push eax                           |
| push ebx                           |
| push 00421708h                     |
| call dword ptr [0040818Ch]         |
| push 0040A384h                     |

### Rich Headers

|                       |                                                                                 |
|-----------------------|---------------------------------------------------------------------------------|
| Programming Language: | <ul style="list-style-type: none"> <li>[EXP] VC++ 6.0 SP5 build 8804</li> </ul> |
|-----------------------|---------------------------------------------------------------------------------|

### Data Directories

| Name                                 | Virtual Address | Virtual Size | Is in Section |
|--------------------------------------|-----------------|--------------|---------------|
| IMAGE_DIRECTORY_ENTRY_EXPORT         | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_IMPORT         | 0x8504          | 0xa0         | .rdata        |
| IMAGE_DIRECTORY_ENTRY_RESOURCE       | 0x3b000         | 0x6010       | .rsrc         |
| IMAGE_DIRECTORY_ENTRY_EXCEPTION      | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_SECURITY       | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_BASERELOC      | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_DEBUG          | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_COPYRIGHT      | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_GLOBALPTR      | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_TLS            | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_LOAD_CONFIG    | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_BOUND_IMPORT   | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_IAT            | 0x8000          | 0x2b0        | .rdata        |
| IMAGE_DIRECTORY_ENTRY_DELAY_IMPORT   | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_COM_DESCRIPTOR | 0x0             | 0x0          |               |
| IMAGE_DIRECTORY_ENTRY_RESERVED       | 0x0             | 0x0          |               |

### Sections

| Name   | Virtual Address | Virtual Size | Raw Size | Xored PE | ZLIB Complexity | File Type | Entropy       | Characteristics                                                         |
|--------|-----------------|--------------|----------|----------|-----------------|-----------|---------------|-------------------------------------------------------------------------|
| .text  | 0x1000          | 0x6572       | 0x6600   | False    | 0.662300857843  | data      | 6.45391938596 | IMAGE_SCN_MEM_EXECUTE, IMAGE_SCN_CNT_CODE, IMAGE_SCN_MEM_READ           |
| .rdata | 0x8000          | 0x1398       | 0x1400   | False    | 0.449609375     | data      | 5.13671758274 | IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ                      |
| .data  | 0xa000          | 0x20378      | 0x600    | False    | 0.5078125       | data      | 4.09680908363 | IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_WRITE, IMAGE_SCN_MEM_READ |

| Name   | Virtual Address | Virtual Size | Raw Size | Xored PE | ZLIB Complexity | File Type | Entropy       | Characteristics                                                           |
|--------|-----------------|--------------|----------|----------|-----------------|-----------|---------------|---------------------------------------------------------------------------|
| .ndata | 0x2b000         | 0x10000      | 0x0      | False    | 0               | empty     | 0.0           | IMAGE_SCN_MEM_WRITE, IMAGE_SCN_CNT_UNINITIALIZED_DATA, IMAGE_SCN_MEM_READ |
| .rsrc  | 0x3b000         | 0x6010       | 0x6200   | False    | 0.451769770408  | data      | 5.54913124873 | IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_READ                        |

Resources

| Name          | RVA     | Size   | Type                                                                         | Language | Country       |
|---------------|---------|--------|------------------------------------------------------------------------------|----------|---------------|
| RT_ICON       | 0x3b280 | 0x25a8 | data                                                                         | English  | United States |
| RT_ICON       | 0x3d828 | 0x10a8 | data                                                                         | English  | United States |
| RT_ICON       | 0x3e8d0 | 0xea8  | data                                                                         | English  | United States |
| RT_ICON       | 0x3f778 | 0x8a8  | data                                                                         | English  | United States |
| RT_ICON       | 0x40020 | 0x568  | GLS_BINARY_LSB_FIRST                                                         | English  | United States |
| RT_ICON       | 0x40588 | 0x468  | GLS_BINARY_LSB_FIRST                                                         | English  | United States |
| RT_DIALOG     | 0x409f0 | 0x100  | data                                                                         | English  | United States |
| RT_DIALOG     | 0x40af0 | 0x11c  | data                                                                         | English  | United States |
| RT_DIALOG     | 0x40c10 | 0x60   | data                                                                         | English  | United States |
| RT_GROUP_ICON | 0x40c70 | 0x5a   | data                                                                         | English  | United States |
| RT_MANIFEST   | 0x40cd0 | 0x340  | XML 1.0 document, ASCII text, with very long lines, with no line terminators | English  | United States |

Imports

| DLL          | Import                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ADVAPI32.dll | RegCreateKeyExW, RegEnumKeyW, RegQueryValueExW, RegSetValueExW, RegCloseKey, RegDeleteValueW, RegDeleteKeyW, AdjustTokenPrivileges, LookupPrivilegeValueW, OpenProcessToken, SetFileSecurityW, RegOpenKeyExW, RegEnumValueW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SHELL32.dll  | SHGetSpecialFolderLocation, SHFileOperationW, SHBrowseForFolderW, SHGetPathFromIDListW, ShellExecuteExW, SHGetFileInfoW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ole32.dll    | OleInitialize, OleUninitialize, CoCreateInstance, IIDFromString, CoTaskMemFree                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| COMCTL32.dll | ImageList_Create, ImageList_Destroy, ImageList_AddMasked                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| USER32.dll   | GetClientRect, EndPaint, DrawTextW, IsWindowEnabled, DispatchMessageW, wsprintfA, CharNextA, CharPrevW, MessageBoxIndirectW, GetDlgItemTextW, SetDlgItemTextW, GetSystemMetrics, FillRect, AppendMenuW, TrackPopupMenu, OpenClipboard, SetClipboardData, CloseClipboard, IsWindowVisible, CallWindowProcW, GetMessagePos, CheckDlgButton, LoadCursorW, SetCursor, GetWindowLongW, GetSysColor, SetWindowPos, PeekMessageW, SetClassLongW, GetSystemMenu, EnableMenuItem, GetWindowRect, ScreenToClient, EndDialog, RegisterClassW, SystemParametersInfoW, CreateWindowExW, GetClassInfoW, DialogBoxParamW, CharNextW, ExitWindowsEx, DestroyWindow, CreateDialogParamW, SetTimer, SetWindowTextW, PostQuitMessage, SetForegroundWindow, ShowWindow, wsprintfW, SendMessageTimeoutW, FindWindowExW, IsWindow, GetDlgItem, SetWindowLongW, LoadImageW, GetDC, ReleaseDC, EnableWindow, InvalidateRect, SendMessageW, DefWindowProcW, BeginPaint, EmptyClipboard, CreatePopupMenu                                                                   |
| GDI32.dll    | SetBkMode, SetBkColor, GetDeviceCaps, CreateFontIndirectW, CreateBrushIndirect, DeleteObject, SetTextColor, SelectObject                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| KERNEL32.dll | GetExitCodeProcess, WaitForSingleObject, GetModuleHandleA, GetProcAddress, GetSystemDirectoryW, IstrcatW, Sleep, IstrcpyA, WriteFile, GetTempFileNameW, IstrcmpiA, RemoveDirectoryW, CreateProcessW, CreateDirectoryW, GetLastError, CreateThread, GlobalLock, GlobalUnlock, GetDiskFreeSpaceW, WideCharToMultiByte, IstrcpynW, IstrlenW, SetErrorMode, GetVersion, GetCommandLineW, GetTempPathW, GetWindowsDirectoryW, SetEnvironmentVariableW, ExitProcess, CopyFileW, GetCurrentProcess, GetModuleFileNameW, GetFileSize, CreateFileW, GetTickCount, MulDiv, SetFileAttributesW, GetFileAttributesW, SetCurrentDirectoryW, MoveFileW, GetFullPathNameW, GetShortPathNameW, SearchPathW, CompareFileTime, SetFileTime, CloseHandle, IstrcmpiW, IstrcmpW, ExpandEnvironmentStringsW, GlobalFree, GlobalAlloc, GetModuleHandleW, LoadLibraryExW, MoveFileExW, FreeLibrary, WritePrivateProfileStringW, GetPrivateProfileStringW, IstrlenA, MultiByteToWideChar, ReadFile, SetFilePointer, FindClose, FindNextFileW, FindFirstFileW, DeleteFileW |

Possible Origin

| Language of compilation system | Country where language is spoken | Map                                                                                   |
|--------------------------------|----------------------------------|---------------------------------------------------------------------------------------|
| English                        | United States                    |  |

Network Behavior

Network Port Distribution

Total Packets: 64

- 53 (DNS)
- 443 (HTTPS)



## TCP Packets

| Timestamp                            | Source Port | Dest Port | Source IP      | Dest IP        |
|--------------------------------------|-------------|-----------|----------------|----------------|
| May 12, 2021 09:44:29.477237940 CEST | 49698       | 443       | 192.168.2.3    | 92.122.145.220 |
| May 12, 2021 09:44:29.491261959 CEST | 49699       | 443       | 192.168.2.3    | 92.122.145.220 |
| May 12, 2021 09:44:29.512136936 CEST | 49701       | 443       | 192.168.2.3    | 92.122.145.220 |
| May 12, 2021 09:44:29.534522057 CEST | 443         | 49698     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.534720898 CEST | 443         | 49698     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.534754038 CEST | 443         | 49698     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.534852028 CEST | 49698       | 443       | 192.168.2.3    | 92.122.145.220 |
| May 12, 2021 09:44:29.534882069 CEST | 49698       | 443       | 192.168.2.3    | 92.122.145.220 |
| May 12, 2021 09:44:29.536649942 CEST | 443         | 49698     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.536694050 CEST | 443         | 49698     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.536758900 CEST | 49698       | 443       | 192.168.2.3    | 92.122.145.220 |
| May 12, 2021 09:44:29.536789894 CEST | 49698       | 443       | 192.168.2.3    | 92.122.145.220 |
| May 12, 2021 09:44:29.538896084 CEST | 443         | 49698     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.538988113 CEST | 49698       | 443       | 192.168.2.3    | 92.122.145.220 |
| May 12, 2021 09:44:29.545105934 CEST | 49700       | 443       | 192.168.2.3    | 92.122.145.220 |
| May 12, 2021 09:44:29.547403097 CEST | 443         | 49699     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.547899008 CEST | 443         | 49699     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.547925949 CEST | 443         | 49699     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.547950029 CEST | 443         | 49699     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.547965050 CEST | 443         | 49699     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.547986031 CEST | 49699       | 443       | 192.168.2.3    | 92.122.145.220 |
| May 12, 2021 09:44:29.548022032 CEST | 49699       | 443       | 192.168.2.3    | 92.122.145.220 |
| May 12, 2021 09:44:29.567554951 CEST | 443         | 49701     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.568203926 CEST | 49689       | 443       | 192.168.2.3    | 131.253.33.200 |
| May 12, 2021 09:44:29.568361044 CEST | 49689       | 443       | 192.168.2.3    | 131.253.33.200 |
| May 12, 2021 09:44:29.570080042 CEST | 443         | 49701     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.570108891 CEST | 443         | 49701     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.570125103 CEST | 443         | 49701     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.570157051 CEST | 443         | 49701     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.570173025 CEST | 443         | 49701     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.570183039 CEST | 49701       | 443       | 192.168.2.3    | 92.122.145.220 |
| May 12, 2021 09:44:29.570266008 CEST | 49701       | 443       | 192.168.2.3    | 92.122.145.220 |
| May 12, 2021 09:44:29.590218067 CEST | 49699       | 443       | 192.168.2.3    | 92.122.145.220 |
| May 12, 2021 09:44:29.600667953 CEST | 443         | 49700     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.600966930 CEST | 443         | 49700     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.600995064 CEST | 443         | 49700     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.601016045 CEST | 443         | 49700     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.601038933 CEST | 443         | 49700     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.601058960 CEST | 443         | 49700     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.601058960 CEST | 49700       | 443       | 192.168.2.3    | 92.122.145.220 |
| May 12, 2021 09:44:29.601082087 CEST | 443         | 49700     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.601098061 CEST | 443         | 49700     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.601124048 CEST | 49700       | 443       | 192.168.2.3    | 92.122.145.220 |
| May 12, 2021 09:44:29.601171017 CEST | 49700       | 443       | 192.168.2.3    | 92.122.145.220 |

| Timestamp                            | Source Port | Dest Port | Source IP      | Dest IP        |
|--------------------------------------|-------------|-----------|----------------|----------------|
| May 12, 2021 09:44:29.613279104 CEST | 49700       | 443       | 192.168.2.3    | 92.122.145.220 |
| May 12, 2021 09:44:29.615782976 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.615816116 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.615827084 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.615837097 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.615852118 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.615869045 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.615885973 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.615902901 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.615919113 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.615932941 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.616024017 CEST | 49689       | 443       | 192.168.2.3    | 131.253.33.200 |
| May 12, 2021 09:44:29.616106987 CEST | 49689       | 443       | 192.168.2.3    | 131.253.33.200 |
| May 12, 2021 09:44:29.645822048 CEST | 443         | 49699     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.646908998 CEST | 443         | 49699     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.646943092 CEST | 443         | 49699     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.647018909 CEST | 49699       | 443       | 192.168.2.3    | 92.122.145.220 |
| May 12, 2021 09:44:29.647061110 CEST | 49699       | 443       | 192.168.2.3    | 92.122.145.220 |
| May 12, 2021 09:44:29.648627996 CEST | 443         | 49699     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.648711920 CEST | 49699       | 443       | 192.168.2.3    | 92.122.145.220 |
| May 12, 2021 09:44:29.663728952 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.663768053 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.663794994 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.663820028 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.663855076 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.663887024 CEST | 49689       | 443       | 192.168.2.3    | 131.253.33.200 |
| May 12, 2021 09:44:29.663935900 CEST | 49689       | 443       | 192.168.2.3    | 131.253.33.200 |
| May 12, 2021 09:44:29.663965940 CEST | 49689       | 443       | 192.168.2.3    | 131.253.33.200 |
| May 12, 2021 09:44:29.664012909 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.664040089 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.664067984 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.664093971 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.664127111 CEST | 49689       | 443       | 192.168.2.3    | 131.253.33.200 |
| May 12, 2021 09:44:29.664164066 CEST | 49689       | 443       | 192.168.2.3    | 131.253.33.200 |
| May 12, 2021 09:44:29.664176941 CEST | 49689       | 443       | 192.168.2.3    | 131.253.33.200 |
| May 12, 2021 09:44:29.664187908 CEST | 49689       | 443       | 192.168.2.3    | 131.253.33.200 |
| May 12, 2021 09:44:29.664223909 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.664247990 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.664284945 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.664309025 CEST | 49689       | 443       | 192.168.2.3    | 131.253.33.200 |
| May 12, 2021 09:44:29.664351940 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.669001102 CEST | 443         | 49700     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.670507908 CEST | 49689       | 443       | 192.168.2.3    | 131.253.33.200 |
| May 12, 2021 09:44:29.670558929 CEST | 49689       | 443       | 192.168.2.3    | 131.253.33.200 |
| May 12, 2021 09:44:29.681108952 CEST | 443         | 49700     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.681159973 CEST | 443         | 49700     | 92.122.145.220 | 192.168.2.3    |
| May 12, 2021 09:44:29.681308031 CEST | 49700       | 443       | 192.168.2.3    | 92.122.145.220 |
| May 12, 2021 09:44:29.712960005 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.713013887 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.713059902 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.713099003 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.713135958 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.713172913 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |
| May 12, 2021 09:44:29.713238955 CEST | 49689       | 443       | 192.168.2.3    | 131.253.33.200 |
| May 12, 2021 09:44:29.713263988 CEST | 49689       | 443       | 192.168.2.3    | 131.253.33.200 |
| May 12, 2021 09:44:29.718096018 CEST | 443         | 49689     | 131.253.33.200 | 192.168.2.3    |

## UDP Packets

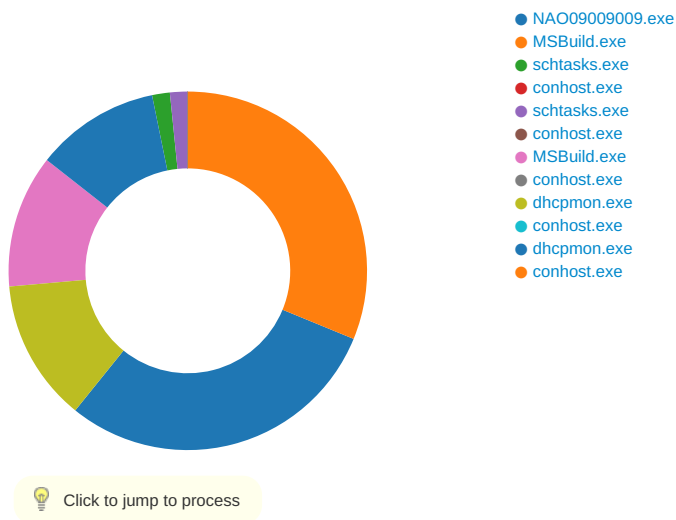
| Timestamp                            | Source Port | Dest Port | Source IP   | Dest IP     |
|--------------------------------------|-------------|-----------|-------------|-------------|
| May 12, 2021 09:44:28.892548084 CEST | 64938       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:44:28.941346884 CEST | 53          | 64938     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:44:30.280045033 CEST | 60152       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:44:30.328808069 CEST | 53          | 60152     | 8.8.8.8     | 192.168.2.3 |

| Timestamp                            | Source Port | Dest Port | Source IP   | Dest IP     |
|--------------------------------------|-------------|-----------|-------------|-------------|
| May 12, 2021 09:44:33.119975090 CEST | 57544       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:44:33.173728943 CEST | 53          | 57544     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:44:34.520463943 CEST | 55984       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:44:34.586055994 CEST | 53          | 55984     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:44:35.818169117 CEST | 64185       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:44:35.868401051 CEST | 53          | 64185     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:44:37.162779093 CEST | 65110       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:44:37.211580038 CEST | 53          | 65110     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:44:38.300517082 CEST | 58361       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:44:38.354060888 CEST | 53          | 58361     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:44:42.776598930 CEST | 63492       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:44:42.834000111 CEST | 53          | 63492     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:44:43.757005930 CEST | 60831       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:44:43.812577009 CEST | 53          | 60831     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:44:44.780057907 CEST | 60100       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:44:44.829046965 CEST | 53          | 60100     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:44:47.608786106 CEST | 53195       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:44:47.660283089 CEST | 53          | 53195     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:44:49.955550909 CEST | 50141       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:44:50.006314039 CEST | 53          | 50141     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:44:51.224637985 CEST | 53023       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:44:51.275702000 CEST | 53          | 53023     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:44:52.704076052 CEST | 49563       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:44:52.753058910 CEST | 53          | 49563     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:44:53.841758013 CEST | 51352       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:44:53.892168999 CEST | 53          | 51352     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:44:56.843431950 CEST | 59349       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:44:56.893704891 CEST | 53          | 59349     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:44:57.863147020 CEST | 57084       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:44:57.912159920 CEST | 53          | 57084     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:44:59.025852919 CEST | 58823       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:44:59.077375889 CEST | 53          | 58823     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:45:03.918459892 CEST | 57568       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:45:03.993010044 CEST | 53          | 57568     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:45:04.259522915 CEST | 50540       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:45:04.350425005 CEST | 53          | 50540     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:45:19.328228951 CEST | 54366       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:45:19.390644073 CEST | 53          | 54366     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:45:24.734114885 CEST | 53034       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:45:24.793651104 CEST | 53          | 53034     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:45:37.273210049 CEST | 57762       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:45:37.332145929 CEST | 53          | 57762     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:45:42.478077888 CEST | 55435       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:45:42.536917925 CEST | 53          | 55435     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:46:14.662676096 CEST | 50713       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:46:14.730705976 CEST | 53          | 50713     | 8.8.8.8     | 192.168.2.3 |
| May 12, 2021 09:46:16.464292049 CEST | 56132       | 53        | 192.168.2.3 | 8.8.8.8     |
| May 12, 2021 09:46:16.521667004 CEST | 53          | 56132     | 8.8.8.8     | 192.168.2.3 |

Code Manipulations

Statistics

Behavior



System Behavior

Analysis Process: NAO09009009.exe PID: 5896 Parent PID: 5780

General

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Start time:                   | 09:44:37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Start date:                   | 12/05/2021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Path:                         | C:\Users\user\Desktop\NAO09009009.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Wow64 process (32bit):        | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Commandline:                  | 'C:\Users\user\Desktop\NAO09009009.exe'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Imagebase:                    | 0x400000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| File size:                    | 283759 bytes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MD5 hash:                     | 592B395D837E34B3770D6113B213B877                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Has elevated privileges:      | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Has administrator privileges: | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Programmed in:                | C, C++ or other language                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Yara matches:                 | <ul style="list-style-type: none"> <li>Rule: Nanocore_RAT_Gen_2, Description: Detetcs the Nanocore RAT, Source: 00000000.00000002.219500091.0000000000B50000.00000004.00000001.sdmp, Author: Florian Roth</li> <li>Rule: Nanocore_RAT_Feb18_1, Description: Detects Nanocore RAT, Source: 00000000.00000002.219500091.0000000000B50000.00000004.00000001.sdmp, Author: Florian Roth</li> <li>Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000000.00000002.219500091.0000000000B50000.00000004.00000001.sdmp, Author: Joe Security</li> <li>Rule: NanoCore, Description: unknown, Source: 00000000.00000002.219500091.0000000000B50000.00000004.00000001.sdmp, Author: Kevin Breen &lt;kevin@techanarchy.net&gt;</li> </ul> |
| Reputation:                   | low                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

File Activities

File Created

| File Path                                     | Access                                       | Attributes | Options                                                                                | Completion            | Count | Source Address | Symbol           |
|-----------------------------------------------|----------------------------------------------|------------|----------------------------------------------------------------------------------------|-----------------------|-------|----------------|------------------|
| C:\Users\user\AppData\Local\Temp\             | read data or list directory   synchronize    | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 405AFC         | CreateDirectoryW |
| C:\Users\user\AppData\Local\Temp\insjC9F7.tmp | read attributes   synchronize   generic read | device     | synchronous io non alert   non directory file                                          | success or wait       | 1     | 4060A0         | GetTempFileNameW |
| C:\Users\user\AppData\Local\Temp\nsdCA26.tmp  | read attributes   synchronize   generic read | device     | synchronous io non alert   non directory file                                          | success or wait       | 1     | 4060A0         | GetTempFileNameW |

| File Path                                                      | Access                                              | Attributes | Options                                                                                               | Completion            | Count | Source Address | Symbol           |
|----------------------------------------------------------------|-----------------------------------------------------|------------|-------------------------------------------------------------------------------------------------------|-----------------------|-------|----------------|------------------|
| C:\Users                                                       | read data or list<br>directory  <br>synchronize     | device     | directory file  <br>synchronous io<br>non alert   open<br>for backup ident<br>  open reparse<br>point | object name collision | 1     | 405AFC         | CreateDirectoryW |
| C:\Users\user                                                  | read data or list<br>directory  <br>synchronize     | device     | directory file  <br>synchronous io<br>non alert   open<br>for backup ident<br>  open reparse<br>point | object name collision | 1     | 405AFC         | CreateDirectoryW |
| C:\Users\user\AppData                                          | read data or list<br>directory  <br>synchronize     | device     | directory file  <br>synchronous io<br>non alert   open<br>for backup ident<br>  open reparse<br>point | object name collision | 1     | 405AFC         | CreateDirectoryW |
| C:\Users\user\AppData\Local                                    | read data or list<br>directory  <br>synchronize     | device     | directory file  <br>synchronous io<br>non alert   open<br>for backup ident<br>  open reparse<br>point | object name collision | 1     | 405AFC         | CreateDirectoryW |
| C:\Users\user\AppData\Local\Temp                               | read data or list<br>directory  <br>synchronize     | device     | directory file  <br>synchronous io<br>non alert   open<br>for backup ident<br>  open reparse<br>point | object name collision | 1     | 405AFC         | CreateDirectoryW |
| C:\Users\user\AppData\Local\Temp\q1do00rficztdt                | read attributes  <br>synchronize  <br>generic write | device     | synchronous io<br>non alert   non<br>directory file                                                   | success or wait       | 1     | 40605E         | CreateFileW      |
| C:\Users\user\AppData\Local\Temp\yw4e566wncbxyt                | read attributes  <br>synchronize  <br>generic write | device     | synchronous io<br>non alert   non<br>directory file                                                   | success or wait       | 1     | 40605E         | CreateFileW      |
| C:\Users\user\AppData\Local\Temp\nsoCA66.tmp                   | read attributes  <br>synchronize  <br>generic read  | device     | synchronous io<br>non alert   non<br>directory file                                                   | success or wait       | 1     | 4060A0         | GetTempFileNameW |
| C:\Users                                                       | read data or list<br>directory  <br>synchronize     | device     | directory file  <br>synchronous io<br>non alert   open<br>for backup ident<br>  open reparse<br>point | object name collision | 1     | 405AFC         | CreateDirectoryW |
| C:\Users\user                                                  | read data or list<br>directory  <br>synchronize     | device     | directory file  <br>synchronous io<br>non alert   open<br>for backup ident<br>  open reparse<br>point | object name collision | 1     | 405AFC         | CreateDirectoryW |
| C:\Users\user\AppData                                          | read data or list<br>directory  <br>synchronize     | device     | directory file  <br>synchronous io<br>non alert   open<br>for backup ident<br>  open reparse<br>point | object name collision | 1     | 405AFC         | CreateDirectoryW |
| C:\Users\user\AppData\Local                                    | read data or list<br>directory  <br>synchronize     | device     | directory file  <br>synchronous io<br>non alert   open<br>for backup ident<br>  open reparse<br>point | object name collision | 1     | 405AFC         | CreateDirectoryW |
| C:\Users\user\AppData\Local\Temp                               | read data or list<br>directory  <br>synchronize     | device     | directory file  <br>synchronous io<br>non alert   open<br>for backup ident<br>  open reparse<br>point | object name collision | 1     | 405AFC         | CreateDirectoryW |
| C:\Users\user\AppData\Local\Temp\nsoCA66.tmp                   | read data or list<br>directory  <br>synchronize     | device     | directory file  <br>synchronous io<br>non alert   open<br>for backup ident<br>  open reparse<br>point | success or wait       | 1     | 405ABC         | CreateDirectoryW |
| C:\Users\user\AppData\Local\Temp\nsoCA66.tmp\5qzt14dbxlb2e.dll | read attributes  <br>synchronize  <br>generic write | device     | synchronous io<br>non alert   non<br>directory file                                                   | success or wait       | 1     | 40605E         | CreateFileW      |

File Deleted





| File Path                                       | Offset  | Length  | Completion      | Count | Source Address | Symbol   |
|-------------------------------------------------|---------|---------|-----------------|-------|----------------|----------|
| C:\Users\user\AppData\Local\Temp\yw4e566wncbxyt | unknown | 207872  | success or wait | 1     | B43092         | ReadFile |
| C:\Windows\SysWOW64\ntdll.dll                   | unknown | 1622408 | success or wait | 1     | B40A62         | ReadFile |
| C:\Windows\SysWOW64\ntdll.dll                   | unknown | 1622408 | success or wait | 1     | B40A62         | ReadFile |
| C:\Windows\SysWOW64\ntdll.dll                   | unknown | 1622408 | success or wait | 1     | B40A62         | ReadFile |
| C:\Windows\SysWOW64\ntdll.dll                   | unknown | 1622408 | success or wait | 1     | B40A62         | ReadFile |
| C:\Windows\SysWOW64\ntdll.dll                   | unknown | 1622408 | success or wait | 1     | B40A62         | ReadFile |
| C:\Windows\SysWOW64\ntdll.dll                   | unknown | 1622408 | success or wait | 1     | B40A62         | ReadFile |

Analysis Process: MSBuild.exe PID: 1240 Parent PID: 5896

General

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Start time:                   | 09:44:38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Start date:                   | 12/05/2021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Path:                         | C:\Windows\Microsoft.NET\Framework\v2.0.50727\MSBuild.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Wow64 process (32bit):        | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Commandline:                  | 'C:\Users\user\Desktop\NAO09009009.exe'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Imagebase:                    | 0x470000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| File size:                    | 69632 bytes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MD5 hash:                     | 88BBB7610152B48C2B3879473B17857E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Has elevated privileges:      | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Has administrator privileges: | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Programmed in:                | .Net C# or VB.NET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Yara matches:                 | <ul style="list-style-type: none"><li>Rule: Nanocore_RAT_Gen_2, Description: Detetcs the Nanocore RAT, Source: 00000002.00000002.484138546.0000000005490000.00000004.00000001.sdmp, Author: Florian Roth</li><li>Rule: Nanocore_RAT_Feb18_1, Description: Detects Nanocore RAT, Source: 00000002.00000002.484138546.0000000005490000.00000004.00000001.sdmp, Author: Florian Roth</li><li>Rule: Nanocore_RAT_Gen_2, Description: Detetcs the Nanocore RAT, Source: 00000002.00000002.484247616.0000000005720000.00000004.00000001.sdmp, Author: Florian Roth</li><li>Rule: Nanocore_RAT_Feb18_1, Description: Detects Nanocore RAT, Source: 00000002.00000002.484247616.0000000005720000.00000004.00000001.sdmp, Author: Florian Roth</li><li>Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000002.00000002.484247616.0000000005720000.00000004.00000001.sdmp, Author: Joe Security</li><li>Rule: Nanocore_RAT_Gen_2, Description: Detetcs the Nanocore RAT, Source: 00000002.00000002.475482671.0000000000402000.00000040.00000001.sdmp, Author: Florian Roth</li><li>Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000002.00000002.475482671.0000000000402000.00000040.00000001.sdmp, Author: Joe Security</li><li>Rule: NanoCore, Description: unknown, Source: 00000002.00000002.475482671.0000000000402000.00000040.00000001.sdmp, Author: Kevin Breen &lt;kevin@techanarchy.net&gt;</li><li>Rule: JoeSecurity_Nanocore, Description: Yara detected Nanocore RAT, Source: 00000002.00000002.482810571.0000000003BF7000.00000004.00000001.sdmp, Author: Joe Security</li><li>Rule: NanoCore, Description: unknown, Source: 00000002.00000002.482810571.0000000003BF7000.00000004.00000001.sdmp, Author: Kevin Breen &lt;kevin@techanarchy.net&gt;</li></ul> |
| Reputation:                   | moderate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

File Activities

File Created

| File Path     | Access                                    | Attributes | Options                                                                                | Completion            | Count | Source Address | Symbol  |
|---------------|-------------------------------------------|------------|----------------------------------------------------------------------------------------|-----------------------|-------|----------------|---------|
| C:\Users\user | read data or list directory   synchronize | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 72FB60AC       | unknown |

| File Path                                                                    | Access                                                                                                          | Attributes | Options                                                                                | Completion            | Count | Source Address | Symbol           |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------------|-----------------------|-------|----------------|------------------|
| C:\Users\user\AppData\Roaming                                                | read data or list directory   synchronize                                                                       | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 72FB60AC       | unknown          |
| C:\Users\user\AppData\Roaming\D06ED635-68F6-4E9A-955C-4899F5F57B9A           | read data or list directory   synchronize                                                                       | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | success or wait       | 1     | 28407A1        | CreateDirectoryW |
| C:\Users\user\AppData\Roaming\D06ED635-68F6-4E9A-955C-4899F5F57B9A\run.dat   | read attributes   synchronize   generic write                                                                   | device     | synchronous io non alert   non directory file   open no recall                         | success or wait       | 1     | 284089B        | CreateFileW      |
| C:\Program Files (x86)\DHCP Monitor                                          | read data or list directory   synchronize                                                                       | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | success or wait       | 1     | 28407A1        | CreateDirectoryW |
| C:\Program Files (x86)\DHCP Monitor\dhcpmon.exe                              | read data or list directory   read attributes   delete   write dac   synchronize   generic read   generic write | device     | sequential only   non directory file                                                   | success or wait       | 1     | 2840B20        | CopyFileW        |
| C:\Users\user\AppData\Local\Temp\tmpD89D.tmp                                 | read attributes   synchronize   generic read                                                                    | device     | synchronous io non alert   non directory file                                          | success or wait       | 1     | 2840D1C        | GetTempFileNameW |
| C:\Users\user\AppData\Roaming\D06ED635-68F6-4E9A-955C-4899F5F57B9A\task.dat  | read attributes   synchronize   generic write                                                                   | device     | sequential only   synchronous io non alert   non directory file   open no recall       | success or wait       | 1     | 284089B        | CreateFileW      |
| C:\Users\user\AppData\Local\Temp\tmpDC18.tmp                                 | read attributes   synchronize   generic read                                                                    | device     | synchronous io non alert   non directory file                                          | success or wait       | 1     | 2840D1C        | GetTempFileNameW |
| C:\Users\user\AppData\Roaming\D06ED635-68F6-4E9A-955C-4899F5F57B9A\Logs      | read data or list directory   synchronize                                                                       | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | success or wait       | 1     | 28407A1        | CreateDirectoryW |
| C:\Users\user\AppData\Roaming\D06ED635-68F6-4E9A-955C-4899F5F57B9A\Logs\user | read data or list directory   synchronize                                                                       | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | success or wait       | 1     | 28407A1        | CreateDirectoryW |
| C:\Users\user                                                                | read data or list directory   synchronize                                                                       | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 72FB60AC       | unknown          |
| C:\Users\user\AppData\Roaming                                                | read data or list directory   synchronize                                                                       | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 72FB60AC       | unknown          |

#### File Deleted

| File Path                                    | Completion      | Count | Source Address | Symbol      |
|----------------------------------------------|-----------------|-------|----------------|-------------|
| C:\Users\user\AppData\Local\Temp\tmpD89D.tmp | success or wait | 1     | 96BF0E         | DeleteFileW |
| C:\Users\user\AppData\Local\Temp\tmpDC18.tmp | success or wait | 1     | 96BF0E         | DeleteFileW |

#### File Written

| File Path                                                                  | Offset  | Length | Value                   | Ascii    | Completion      | Count | Source Address | Symbol    |
|----------------------------------------------------------------------------|---------|--------|-------------------------|----------|-----------------|-------|----------------|-----------|
| C:\Users\user\AppData\Roaming\D06ED635-68F6-4E9A-955C-4899F5F57B9A\run.dat | unknown | 8      | 32 69 97 3d 65 15 d9 48 | 2i.=e..H | success or wait | 1     | 2840A53        | WriteFile |

| File Path                                                                   | Offset  | Length | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ascii                                                                                                                                                                                                                                                                                         | Completion      | Count | Source Address | Symbol    |
|-----------------------------------------------------------------------------|---------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|----------------|-----------|
| C:\Program Files (x86)\DHCP Monitor\dhcpmon.exe                             | 0       | 69632  | 4d 5a 90 00 03 00 00<br>00 04 00 00 00 ff ff 00<br>00 b8 00 00 00 00 00<br>00 00 40 00 00 00 00<br>00 00 00 00 00 00 00<br>00 00 00 00 00 00 00<br>00 00 00 00 00 00 00<br>00 00 00 00 00 00 00<br>00 00 00 80 00 00 00<br>0e 1f ba 0e 00 b4 09<br>cd 21 b8 01 4c cd 21<br>54 68 69 73 20 70 72<br>6f 67 72 61 6d 20 63<br>61 6e 6e 6f 74 20 62<br>65 20 72 75 6e 20 69<br>6e 20 44 4f 53 20 6d<br>6f 64 65 2e 0d 0d 0a<br>24 00 00 00 00 00 00<br>00 50 45 00 00 4c 01<br>03 00 a9 d1 7b 5a 00<br>00 00 00 00 00 00 00<br>e0 00 0e 01 0b 01 08<br>00 00 c0 00 00 00 40<br>00 00 00 00 00 00 de<br>d2 00 00 00 20 00 00<br>00 e0 00 00 00 00 40<br>00 00 20 00 00 00 10<br>00 00 04 00 00 00 00<br>00 00 00 04 00 00 00<br>00 00 00 00 00 40 01<br>00 00 10 00 00 39 39<br>01 00 03 00 40 05 00<br>00 10 00 00 10 00 00<br>00 00 10 00 00 10 00<br>00 00 00 00 00 10 00<br>00 00 00 00 00 00 00<br>00 00 | MZ.....@.....<br>.....<br>.....!..L!This program<br>cannot be run in DOS<br>mode...\$.....PE..L....<br>{Z.....@.....<br>.....@.. .....@<br>.....99.....@.....<br>.....                                                                                                                        | success or wait | 1     | 2840B20        | CopyFileW |
| C:\Users\user\AppData\Local\Temp\tmpD89D.tmp                                | unknown | 1320   | 3c 3f 78 6d 6c 20 76<br>65 72 73 69 6f 6e 3d<br>22 31 2e 30 22 20 65<br>6e 63 6f 64 69 6e 67<br>3d 22 55 54 46 2d 31<br>36 22 3f 3e 0d 0a 3c<br>54 61 73 6b 20 76 65<br>72 73 69 6f 6e 3d 22<br>31 2e 32 22 20 78 6d<br>6c 6e 73 3d 22 68 74<br>74 70 3a 2f 2f 73 63<br>68 65 6d 61 73 2e 6d<br>69 63 72 6f 73 6f 66<br>74 2e 63 6f 6d 2f 77<br>69 6e 64 6f 77 73 2f<br>32 30 30 34 2f 30 32<br>2f 6d 69 74 2f 74 61<br>73 6b 22 3e 0d 0a 20<br>20 3c 52 65 67 69 73<br>74 72 61 74 69 6f 6e<br>49 6e 66 6f 20 2f 3e<br>0d 0a 20 20 3c 54 72<br>69 67 67 65 72 73 20<br>2f 3e 0d 0a 20 20 3c<br>50 72 69 6e 63 69 70<br>61 6c 73 3e 0d 0a 20<br>20 20 20 3c 50 72 69<br>6e 63 69 70 61 6c 20<br>69 64 3d 22 41 75 74<br>68 6f 72 22 3e 0d 0a<br>20 20 20 20 20 20 3c<br>4c 6f 67 6f 6e 54 79<br>70 65 3e 49 6e 74 65<br>72 61 63 74 69 76 65<br>54 6f 6b 65 6e 3c 2f 4c<br>6f 67 6f 6e 54 79 70<br>65 3e | <?xml version="1.0"<br>encoding="UTF-16"?>..<br><Task version="1.2"<br>xmlns="http://schemas.mic<br>roso<br>ft.com/windows/2004/02/m<br>it/task">..<br><RegistrationInfo />..<br><Triggers />..<br><Principals>.. <Principal<br>id="Author">..<br><LogonType>InteractiveTo<br>ken</LogonType> | success or wait | 1     | 2840A53        | WriteFile |
| C:\Users\user\AppData\Roaming\D06ED635-68F6-4E9A-955C-4899F5F57B9A\task.dat | unknown | 57     | 43 3a 5c 57 69 6e 64<br>6f 77 73 5c 4d 69 63<br>72 6f 73 6f 66 74 2e<br>4e 45 54 5c 46 72 61<br>6d 65 77 6f 72 6b 5c<br>76 32 2e 30 2e 35 30<br>37 32 37 5c 4d 53 42<br>75 69 6c 64 2e 65 78<br>65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | C:\Windows\Microsoft.NET<br>\IFrame<br>worklv2.0.50727\MSBuild.<br>exe                                                                                                                                                                                                                        | success or wait | 1     | 2840A53        | WriteFile |

| File Path                                    | Offset  | Length | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ascii                                                                                                                                                                                                                                                                                         | Completion      | Count | Source Address | Symbol    |
|----------------------------------------------|---------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|----------------|-----------|
| C:\Users\user\AppData\Local\Temp\tmpDC18.tmp | unknown | 1310   | 3c 3f 78 6d 6c 20 76<br>65 72 73 69 6f 6e 3d<br>22 31 2e 30 22 20 65<br>6e 63 6f 64 69 6e 67<br>3d 22 55 54 46 2d 31<br>36 22 3f 3e 0d 0a 3c<br>54 61 73 6b 20 76 65<br>72 73 69 6f 6e 3d 22<br>31 2e 3e 22 20 78 6d<br>6c 6e 73 3d 22 68 74<br>74 70 3a 2f 2f 73 63<br>68 65 6d 61 73 2e 6d<br>69 63 72 6f 73 6f 66<br>74 2e 63 6f 6d 2f 77<br>69 6e 64 6f 77 73 2f<br>32 30 30 34 2f 30 32<br>2f 6d 69 74 2f 74 61<br>73 6b 22 3e 0d 0a 20<br>20 3c 52 65 67 69 73<br>74 72 61 74 69 6f 6e<br>49 6e 66 6f 20 2f 3e<br>0d 0a 20 20 3c 54 72<br>69 67 67 65 72 73 20<br>2f 3e 0d 0a 20 20 3c<br>50 72 69 6e 63 69 70<br>61 6c 73 3e 0d 0a 20<br>20 20 20 3c 50 72 69<br>6e 63 69 70 61 6c 20<br>69 64 3d 22 41 75 74<br>68 6f 72 22 3e 0d 0a<br>20 20 20 20 20 20 3c<br>4c 6f 67 6f 6e 54 79<br>70 65 3e 49 6e 74 65<br>72 61 63 74 69 76 65<br>54 6f 6b 65 6e 3c 2f 4c<br>6f 67 6f 6e 54 79 70<br>65 3e | <?xml version="1.0"<br>encoding="UTF-16"?>..<br><Task version="1.2"<br>xmlns="http://schemas.mic<br>roso<br>ft.com/windows/2004/02/m<br>it/task">..<br><RegistrationInfo />..<br><Triggers />..<br><Principals>.. <Principal<br>id="Author">..<br><LogonType>InteractiveTo<br>ken</LogonType> | success or wait | 1     | 2840A53        | WriteFile |

#### File Read

| File Path                                                                  | Offset  | Length | Completion      | Count | Source Address | Symbol   |
|----------------------------------------------------------------------------|---------|--------|-----------------|-------|----------------|----------|
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config        | unknown | 4095   | success or wait | 1     | 72FE5544       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config        | unknown | 6304   | success or wait | 3     | 72FE5544       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\msbuild.exe.config           | unknown | 4095   | success or wait | 1     | 72FE5544       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\msbuild.exe.config           | unknown | 8173   | end of file     | 1     | 72FE5544       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\msbuild.exe.config           | unknown | 4095   | success or wait | 1     | 72FE8738       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\msbuild.exe.config           | unknown | 8173   | end of file     | 1     | 72FE8738       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config        | unknown | 4095   | success or wait | 1     | 72FE8738       | ReadFile |
| C:\Windows\assembly\GAC_32\mscorlibb2.0.0.0__b77a5c561934e089\mscorlib.dll | unknown | 4096   | success or wait | 1     | 7308BF06       | unknown  |
| C:\Windows\assembly\GAC_32\mscorlibb2.0.0.0__b77a5c561934e089\mscorlib.dll | unknown | 512    | success or wait | 1     | 7308BF06       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\MSBuild.exe                  | unknown | 4096   | success or wait | 1     | 7308BF06       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\MSBuild.exe                  | unknown | 512    | success or wait | 1     | 7308BF06       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\msbuild.exe.config           | unknown | 4095   | success or wait | 1     | 72FE5544       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\msbuild.exe.config           | unknown | 8173   | end of file     | 1     | 72FE5544       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config        | unknown | 4095   | success or wait | 1     | 72FE5544       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config        | unknown | 8175   | end of file     | 1     | 72FE5544       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config        | unknown | 4096   | end of file     | 1     | 2840A53        | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\msbuild.exe.config           | unknown | 4096   | success or wait | 1     | 2840A53        | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\msbuild.exe.config           | unknown | 4096   | end of file     | 1     | 2840A53        | ReadFile |

#### Registry Activities

#### Key Value Created

| Key Path                                                                     | Name         | Type    | Data                                            | Completion      | Count | Source Address | Symbol         |
|------------------------------------------------------------------------------|--------------|---------|-------------------------------------------------|-----------------|-------|----------------|----------------|
| HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432Node\Microsoft\Windows\CurrentVersion\Run | DHCP Monitor | unicode | C:\Program Files (x86)\DHCP Monitor\dhcpmon.exe | success or wait | 1     | 2840C12        | RegSetValueExW |

Analysis Process: schtasks.exe PID: 5404 Parent PID: 1240

| General                       |                                                                                                  |
|-------------------------------|--------------------------------------------------------------------------------------------------|
| Start time:                   | 09:44:42                                                                                         |
| Start date:                   | 12/05/2021                                                                                       |
| Path:                         | C:\Windows\SysWOW64\schtasks.exe                                                                 |
| Wow64 process (32bit):        | true                                                                                             |
| Commandline:                  | 'schtasks.exe' /create /f /tn 'DHCP Monitor' /xml 'C:\Users\user\AppData\Local\Temp\tmpD89D.tmp' |
| Imagebase:                    | 0x1260000                                                                                        |
| File size:                    | 185856 bytes                                                                                     |
| MD5 hash:                     | 15FF7D8324231381BAD48A052F85DF04                                                                 |
| Has elevated privileges:      | true                                                                                             |
| Has administrator privileges: | true                                                                                             |
| Programmed in:                | C, C++ or other language                                                                         |
| Reputation:                   | high                                                                                             |

## File Activities

| File Path | Access | Attributes | Options | Completion | Count | Source Address | Symbol |
|-----------|--------|------------|---------|------------|-------|----------------|--------|
|-----------|--------|------------|---------|------------|-------|----------------|--------|

## File Read

| File Path                                    | Offset  | Length | Completion      | Count | Source Address | Symbol   |
|----------------------------------------------|---------|--------|-----------------|-------|----------------|----------|
| C:\Users\user\AppData\Local\Temp\tmpD89D.tmp | unknown | 2      | success or wait | 1     | 126AB22        | ReadFile |
| C:\Users\user\AppData\Local\Temp\tmpD89D.tmp | unknown | 1321   | success or wait | 1     | 126ABD9        | ReadFile |

## Analysis Process: conhost.exe PID: 968 Parent PID: 5404

| General                       |                                                     |
|-------------------------------|-----------------------------------------------------|
| Start time:                   | 09:44:42                                            |
| Start date:                   | 12/05/2021                                          |
| Path:                         | C:\Windows\System32\conhost.exe                     |
| Wow64 process (32bit):        | false                                               |
| Commandline:                  | C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 |
| Imagebase:                    | 0x7ff6b2800000                                      |
| File size:                    | 625664 bytes                                        |
| MD5 hash:                     | EA777DEEA782E8B4D7C7C33BBF8A4496                    |
| Has elevated privileges:      | true                                                |
| Has administrator privileges: | true                                                |
| Programmed in:                | C, C++ or other language                            |
| Reputation:                   | high                                                |

## Analysis Process: schtasks.exe PID: 1264 Parent PID: 1240

| General                       |                                                                                                       |
|-------------------------------|-------------------------------------------------------------------------------------------------------|
| Start time:                   | 09:44:42                                                                                              |
| Start date:                   | 12/05/2021                                                                                            |
| Path:                         | C:\Windows\SysWOW64\schtasks.exe                                                                      |
| Wow64 process (32bit):        | true                                                                                                  |
| Commandline:                  | 'schtasks.exe' /create /f /tn 'DHCP Monitor Task' /xml 'C:\Users\user\AppData\Local\Temp\tmpDC18.tmp' |
| Imagebase:                    | 0x1260000                                                                                             |
| File size:                    | 185856 bytes                                                                                          |
| MD5 hash:                     | 15FF7D8324231381BAD48A052F85DF04                                                                      |
| Has elevated privileges:      | true                                                                                                  |
| Has administrator privileges: | true                                                                                                  |
| Programmed in:                | C, C++ or other language                                                                              |
| Reputation:                   | high                                                                                                  |

## File Activities

| File Path                                    | Access  | Attributes | Options         | Completion | Count          | Source Address | Symbol |
|----------------------------------------------|---------|------------|-----------------|------------|----------------|----------------|--------|
| File Read                                    |         |            |                 |            |                |                |        |
| File Path                                    | Offset  | Length     | Completion      | Count      | Source Address | Symbol         |        |
| C:\Users\user\AppData\Local\Temp\tmpDC18.tmp | unknown | 2          | success or wait | 1          | 126AB22        | ReadFile       |        |
| C:\Users\user\AppData\Local\Temp\tmpDC18.tmp | unknown | 1311       | success or wait | 1          | 126ABD9        | ReadFile       |        |

## Analysis Process: conhost.exe PID: 3732 Parent PID: 1264

## General

|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| Start time:                   | 09:44:43                                            |
| Start date:                   | 12/05/2021                                          |
| Path:                         | C:\Windows\System32\conhost.exe                     |
| Wow64 process (32bit):        | false                                               |
| Commandline:                  | C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 |
| Imagebase:                    | 0x7f6b2800000                                       |
| File size:                    | 625664 bytes                                        |
| MD5 hash:                     | EA777DEEA782E8B4D7C7C33BBF8A4496                    |
| Has elevated privileges:      | true                                                |
| Has administrator privileges: | true                                                |
| Programmed in:                | C, C++ or other language                            |
| Reputation:                   | high                                                |

## Analysis Process: MSBuild.exe PID: 5888 Parent PID: 528

## General

|                               |                                                             |
|-------------------------------|-------------------------------------------------------------|
| Start time:                   | 09:44:44                                                    |
| Start date:                   | 12/05/2021                                                  |
| Path:                         | C:\Windows\Microsoft.NET\Framework\v2.0.50727\MSBuild.exe   |
| Wow64 process (32bit):        | true                                                        |
| Commandline:                  | C:\Windows\Microsoft.NET\Framework\v2.0.50727\MSBuild.exe 0 |
| Imagebase:                    | 0x110000                                                    |
| File size:                    | 69632 bytes                                                 |
| MD5 hash:                     | 88BBB7610152B48C2B3879473B17857E                            |
| Has elevated privileges:      | true                                                        |
| Has administrator privileges: | true                                                        |
| Programmed in:                | .Net C# or VB.NET                                           |
| Reputation:                   | moderate                                                    |

## File Activities

## File Created

| File Path     | Access                                    | Attributes | Options                                                                                | Completion            | Count | Source Address | Symbol  |
|---------------|-------------------------------------------|------------|----------------------------------------------------------------------------------------|-----------------------|-------|----------------|---------|
| C:\Users\user | read data or list directory   synchronize | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 72FB60AC       | unknown |

| File Path                                                                   | Access                                        | Attributes | Options                                                                                | Completion            | Count | Source Address | Symbol      |
|-----------------------------------------------------------------------------|-----------------------------------------------|------------|----------------------------------------------------------------------------------------|-----------------------|-------|----------------|-------------|
| C:\Users\user\AppData\Roaming                                               | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 72FB60AC       | unknown     |
| C:\Users\user\AppData\Local\Microsoft\CLR_v2.0_32\UsageLogs\MSBuild.exe.log | read attributes   synchronize   generic write | device     | synchronous io non alert   non directory file                                          | success or wait       | 1     | 72FA34A7       | CreateFileW |

#### File Written

| File Path      | Offset  | Length | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Ascii                                                                                                                                                                                            | Completion      | Count | Source Address | Symbol    |
|----------------|---------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|----------------|-----------|
| \Device\ConDrv | unknown | 0      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                  | success or wait | 1     | 90A7A3         | WriteFile |
| \Device\ConDrv | unknown | 169    | 4d 69 63 72 6f 73 6f<br>66 74 20 28 52 29 20<br>42 75 69 6c 64 20 45<br>6e 67 69 6e 65 20 56<br>65 72 73 69 6f 6e 20<br>32 2e 30 2e 35 30 37<br>32 37 2e 38 39 32 32<br>0d 0a 5b 4d 69 63 72<br>6f 73 6f 66 74 20 2e<br>4e 45 54 20 46 72 61<br>6d 65 77 6f 72 6b 2c<br>20 56 65 72 73 69 6f<br>6e 20 32 2e 30 2e 35<br>30 37 32 37 2e 38 39<br>32 32 5d 0d 0a 43 6f<br>70 79 72 69 67 68 74<br>20 28 43 29 20 4d 69<br>63 72 6f 73 6f 66 74<br>20 43 6f 72 70 6f 72<br>61 74 69 6f 6e 20 32<br>30 30 35 2e 20 41 6c<br>6c 20 72 69 67 68 74<br>73 20 72 65 73 65 72<br>76 65 64 2e 0d 0a 0d<br>0a | Microsoft (R) Build Engine<br>Version 2.0.50727.8922..<br>[Microsoft .NET<br>Framework, Version 2.0.<br>50727.8922]..Copyright<br>(C) Microsoft Corporation<br>2005. All rights<br>reserved..... | success or wait | 1     | 90A7A3         | WriteFile |
| \Device\ConDrv | unknown | 66     | 4d 53 42 55 49 4c 44<br>20 3a 20 65 72 72 6f<br>72 20 4d 53 42 31 30<br>30 39 3a 20 50 72 6f<br>6a 65 63 74 20 66 69<br>6c 65 20 64 6f 65 73<br>20 6e 6f 74 20 65 78<br>69 73 74 2e 0d 0a 53<br>77 69 74 63 68 3a 20<br>30 0d 0a                                                                                                                                                                                                                                                                                                                                                                   | MSBUILD : error<br>MSB1009: Project file<br>does not exist...Switch: 0..                                                                                                                         | success or wait | 1     | 90A7A3         | WriteFile |

| File Path                                                                   | Offset  | Length | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Ascii                                                                                                                                                                                                                                                       | Completion      | Count | Source Address | Symbol    |
|-----------------------------------------------------------------------------|---------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|----------------|-----------|
| C:\Users\user\AppData\Local\Microsoft\CLR_v2.0_32\UsageLogs\MSBuild.exe.log | unknown | 325    | 31 2c 22 66 75 73 69 6f 6e 22 2c 22 47 41 43 22 2c 30 0d 0a 33 2c 22 43 3a 5c 57 69 6e 64 6f 77 73 5c 61 73 73 65 6d 62 6c 79 5c 4e 61 74 69 76 65 49 6d 61 67 65 73 5f 76 32 2e 30 2e 35 30 37 32 37 5f 33 32 5c 53 79 73 74 65 6d 5c 31 66 66 63 34 33 37 64 65 35 39 66 62 36 39 62 61 32 62 38 36 35 66 66 64 63 39 38 66 66 64 31 5c 53 79 73 74 65 6d 2e 6e 69 2e 64 6c 6c 22 2c 30 0d 0a 32 2c 22 4d 69 63 72 6f 73 6f 66 74 2e 42 75 69 6c 64 2e 45 6e 67 69 6e 65 2c 20 56 65 72 73 69 6f 6e 3d 32 2e 30 2e 30 2e 30 2c 20 43 75 6c 74 75 72 65 3d 6e 65 75 74 72 61 6c 2c 20 50 75 62 6c 69 63 4b 65 79 54 6f 6b 65 6e 3d 62 30 33 66 35 66 37 66 31 31 64 35 30 61 33 61 22 2c 30 0d 0a 32 2c 22 4d 69 63 72 6f 73 6f 66 74 2e 42 75 69 6c 64 2e 46 72 61 6d 65 77 6f 72 6b 2c 20 | 1,"fusion","GAC",0.3,"C:\Windows\assembly\NativeImages_v2.0.50727_32\System\1ffc437de59fb69ba2b865ffdc98ffd1\System.ni.dll",0.2,"Microsoft.Build.Engine, Version=2.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a",0.2,"Microsoft.Build.Framework, | success or wait | 1     | 7328A33A       | WriteFile |

#### File Read

| File Path                                                           | Offset  | Length | Completion      | Count | Source Address | Symbol   |
|---------------------------------------------------------------------|---------|--------|-----------------|-------|----------------|----------|
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config | unknown | 4095   | success or wait | 1     | 72FE5544       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config | unknown | 6304   | success or wait | 3     | 72FE5544       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\msbuild.exe.config    | unknown | 4095   | success or wait | 1     | 72FE5544       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\msbuild.exe.config    | unknown | 8173   | end of file     | 1     | 72FE5544       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\msbuild.exe.config    | unknown | 4095   | success or wait | 1     | 72FE8738       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\msbuild.exe.config    | unknown | 8173   | end of file     | 1     | 72FE8738       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config | unknown | 4095   | success or wait | 1     | 72FE8738       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\MSBuild.rsp           | unknown | 4096   | success or wait | 1     | 90A7A3         | ReadFile |

#### Analysis Process: conhost.exe PID: 4900 Parent PID: 5888

#### General

|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| Start time:                   | 09:44:44                                            |
| Start date:                   | 12/05/2021                                          |
| Path:                         | C:\Windows\System32\conhost.exe                     |
| Wow64 process (32bit):        | false                                               |
| Commandline:                  | C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 |
| Imagebase:                    | 0x7ff6b2800000                                      |
| File size:                    | 625664 bytes                                        |
| MD5 hash:                     | EA777DEEA782E8B4D7C7C33BBF8A4496                    |
| Has elevated privileges:      | true                                                |
| Has administrator privileges: | true                                                |
| Programmed in:                | C, C++ or other language                            |
| Reputation:                   | high                                                |

#### Analysis Process: dhcpmon.exe PID: 6076 Parent PID: 528

|                               |                                                                                                                                             |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General</b>                |                                                                                                                                             |
| Start time:                   | 09:44:44                                                                                                                                    |
| Start date:                   | 12/05/2021                                                                                                                                  |
| Path:                         | C:\Program Files (x86)\DHCP Monitor\dhcpmon.exe                                                                                             |
| Wow64 process (32bit):        | true                                                                                                                                        |
| Commandline:                  | 'C:\Program Files (x86)\DHCP Monitor\dhcpmon.exe' 0                                                                                         |
| Imagebase:                    | 0xb20000                                                                                                                                    |
| File size:                    | 69632 bytes                                                                                                                                 |
| MD5 hash:                     | 88BBB7610152B48C2B3879473B17857E                                                                                                            |
| Has elevated privileges:      | true                                                                                                                                        |
| Has administrator privileges: | true                                                                                                                                        |
| Programmed in:                | .Net C# or VB.NET                                                                                                                           |
| Antivirus matches:            | <ul style="list-style-type: none"> <li>Detection: 0%, Metadefender, <a href="#">Browse</a></li> <li>Detection: 0%, ReversingLabs</li> </ul> |
| Reputation:                   | moderate                                                                                                                                    |

## File Activities

### File Created

| File Path                                                                   | Access                                        | Attributes | Options                                                                                | Completion            | Count | Source Address | Symbol      |
|-----------------------------------------------------------------------------|-----------------------------------------------|------------|----------------------------------------------------------------------------------------|-----------------------|-------|----------------|-------------|
| C:\Users\user                                                               | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 72FB60AC       | unknown     |
| C:\Users\user\AppData\Roaming                                               | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 72FB60AC       | unknown     |
| C:\Users\user                                                               | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 72FB60AC       | unknown     |
| C:\Users\user\AppData\Roaming                                               | read data or list directory   synchronize     | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 72FB60AC       | unknown     |
| C:\Users\user\AppData\Local\Microsoft\CLR_v2.0_32\UsageLogs\dhcpmon.exe.log | read attributes   synchronize   generic write | device     | synchronous io non alert   non directory file                                          | success or wait       | 1     | 72FA34A7       | CreateFileW |

### File Written

| File Path      | Offset  | Length | Value | Ascii | Completion      | Count | Source Address | Symbol    |
|----------------|---------|--------|-------|-------|-----------------|-------|----------------|-----------|
| \Device\ConDrv | unknown | 0      |       |       | success or wait | 1     | 10FA897        | WriteFile |

| File Path                                                                                | Offset  | Length | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ascii                                                                                                                                                                                                                                                                                                                                   | Completion      | Count | Source Address | Symbol    |
|------------------------------------------------------------------------------------------|---------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|----------------|-----------|
| \\Device\\ConDrv                                                                         | unknown | 169    | 4d 69 63 72 6f 73 6f<br>66 74 20 28 52 29 20<br>42 75 69 6c 64 20 45<br>6e 67 69 6e 65 20 56<br>65 72 73 69 6f 6e 20<br>32 2e 30 2e 35 30 37<br>32 37 2e 38 39 32 32<br>0d 0a 5b 4d 69 63 72<br>6f 73 6f 66 74 20 2e<br>4e 45 54 20 46 72 61<br>6d 65 77 6f 72 6b 2c<br>20 56 65 72 73 69 6f<br>6e 20 32 2e 30 2e 35<br>30 37 32 37 2e 38 39<br>32 32 5d 0d 0a 43 6f<br>70 79 72 69 67 68 74<br>20 28 43 29 20 4d 69<br>63 72 6f 73 6f 66 74<br>20 43 6f 72 70 6f 72<br>61 74 69 6f 6e 20 32<br>30 30 35 2e 20 41 6c<br>6c 20 72 69 67 68 74<br>73 20 72 65 73 65 72<br>76 65 64 2e 0d 0a 0d<br>0a                                                                                                                                                                                                                                                                                                       | Microsoft (R) Build Engine<br>Version 2.0.50727.8922..<br>[Microsoft .NET<br>Framework, Version 2.0.<br>50727.8922]..Copyright<br>(C) Microsoft Corporation<br>2005. All rights<br>reserved.....                                                                                                                                        | success or wait | 1     | 10FA897        | WriteFile |
| \\Device\\ConDrv                                                                         | unknown | 66     | 4d 53 42 55 49 4c 44<br>20 3a 20 65 72 72 6f<br>72 20 4d 53 42 31 30<br>30 39 3a 20 50 72 6f<br>6a 65 63 74 20 66 69<br>6c 65 20 64 6f 65 73<br>20 6e 6f 74 20 65 78<br>69 73 74 2e 0d 0a 53<br>77 69 74 63 68 3a 20<br>30 0d 0a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MSBUILD : error<br>MSB1009: Project file<br>does not exist...Switch: 0..                                                                                                                                                                                                                                                                | success or wait | 1     | 10FA897        | WriteFile |
| C:\\Users\\user\\AppData\\Local\\Mi<br>crosoft\\CLR_v2.0_32\\UsageLogs\\dhcprmon.exe.log | unknown | 441    | 31 2c 22 66 75 73 69<br>6f 6e 22 2c 22 47 41<br>43 22 2c 30 0d 0a 33<br>2c 22 43 3a 5c 57 69<br>6e 64 6f 77 73 5c 61<br>73 73 65 6d 62 6c 79<br>5c 4e 61 74 69 76 65<br>49 6d 61 67 65 73 5f<br>76 32 2e 30 2e 35 30<br>37 32 37 5f 33 32 5c<br>53 79 73 74 65 6d 5c<br>31 66 66 63 34 33 37<br>64 65 35 39 66 62 36<br>39 62 61 32 62 38 36<br>35 66 66 64 63 39 38<br>66 66 64 31 5c 53 79<br>73 74 65 6d 2e 6e 69<br>2e 64 6c 6c 22 2c 30<br>0d 0a 33 2c 22 43 3a<br>5c 57 69 6e 64 6f 77<br>73 5c 61 73 73 65 6d<br>62 6c 79 5c 4e 61 74<br>69 76 65 49 6d 61 67<br>65 73 5f 76 32 2e 30<br>2e 35 30 37 32 37 5f<br>33 32 5c 53 79 73 74<br>65 6d 2e 58 6d 6c 5c<br>35 32 37 63 39 33 33<br>31 39 34 66 33 61 39<br>39 61 38 31 36 64 38<br>33 63 36 31 39 61 33<br>65 31 64 33 5c 53 79<br>73 74 65 6d 2e 58 6d<br>6c 2e 6e 69 2e 64 6c<br>6c 22 2c 30 0d 0a 32<br>2c 22 4d 69 63 72 6f<br>73 6f 66 | 1,"fusion","GAC",0..3,"C:\\<br>Wind<br>ows\\assembly\\NativeImag<br>es_v2.0<br>.50727_32\\System\\1ffc437<br>de59fb<br>69ba2b865ffdc98ffd1\\Syst<br>em.ni.<br>dll",0..3,"C:\\Windows\\asse<br>mbly<br>\\NativeImages_v2.0.50727<br>_32\\Sy<br>stem.Xml\\527c933194f3a9<br>9a816d8<br>3c619a3e1d3\\System.Xml.<br>ni.dll",0..2,"Microsof | success or wait | 1     | 7328A33A       | WriteFile |

#### File Read

| File Path                                                                 | Offset  | Length | Completion      | Count | Source Address | Symbol   |
|---------------------------------------------------------------------------|---------|--------|-----------------|-------|----------------|----------|
| C:\\Windows\\Microsoft.NET\\Framework\\v2.0.50727\\CONFIG\\machine.config | unknown | 4095   | success or wait | 1     | 72FE5544       | unknown  |
| C:\\Windows\\Microsoft.NET\\Framework\\v2.0.50727\\CONFIG\\machine.config | unknown | 6304   | success or wait | 3     | 72FE5544       | unknown  |
| C:\\Windows\\Microsoft.NET\\Framework\\v2.0.50727\\CONFIG\\machine.config | unknown | 4095   | success or wait | 1     | 72FE8738       | ReadFile |
| C:\\Windows\\Microsoft.NET\\Framework\\v2.0.50727\\CONFIG\\machine.config | unknown | 4095   | success or wait | 1     | 72FE5544       | unknown  |
| C:\\Windows\\Microsoft.NET\\Framework\\v2.0.50727\\CONFIG\\machine.config | unknown | 8175   | end of file     | 1     | 72FE5544       | unknown  |
| C:\\Windows\\Microsoft.NET\\Framework\\v2.0.50727\\CONFIG\\machine.config | unknown | 4096   | success or wait | 1     | 10FA897        | ReadFile |

| File Path                                                           | Offset  | Length | Completion  | Count | Source Address | Symbol   |
|---------------------------------------------------------------------|---------|--------|-------------|-------|----------------|----------|
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config | unknown | 4096   | end of file | 1     | 10FA897        | ReadFile |

## Analysis Process: conhost.exe PID: 5312 Parent PID: 6076

### General

|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| Start time:                   | 09:44:45                                            |
| Start date:                   | 12/05/2021                                          |
| Path:                         | C:\Windows\System32\conhost.exe                     |
| Wow64 process (32bit):        | false                                               |
| Commandline:                  | C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 |
| Imagebase:                    | 0x7ff6b2800000                                      |
| File size:                    | 625664 bytes                                        |
| MD5 hash:                     | EA777DEEA782E8B4D7C7C33BBF8A4496                    |
| Has elevated privileges:      | true                                                |
| Has administrator privileges: | true                                                |
| Programmed in:                | C, C++ or other language                            |
| Reputation:                   | high                                                |

## Analysis Process: dhcpmon.exe PID: 5404 Parent PID: 3388

### General

|                               |                                                   |
|-------------------------------|---------------------------------------------------|
| Start time:                   | 09:44:50                                          |
| Start date:                   | 12/05/2021                                        |
| Path:                         | C:\Program Files (x86)\DHCP Monitor\dhcpmon.exe   |
| Wow64 process (32bit):        | true                                              |
| Commandline:                  | 'C:\Program Files (x86)\DHCP Monitor\dhcpmon.exe' |
| Imagebase:                    | 0x9e0000                                          |
| File size:                    | 69632 bytes                                       |
| MD5 hash:                     | 88BBB7610152B48C2B3879473B17857E                  |
| Has elevated privileges:      | true                                              |
| Has administrator privileges: | true                                              |
| Programmed in:                | .Net C# or VB.NET                                 |
| Reputation:                   | moderate                                          |

### File Activities

#### File Created

| File Path                     | Access                                    | Attributes | Options                                                                                | Completion            | Count | Source Address | Symbol  |
|-------------------------------|-------------------------------------------|------------|----------------------------------------------------------------------------------------|-----------------------|-------|----------------|---------|
| C:\Users\user                 | read data or list directory   synchronize | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 72FB60AC       | unknown |
| C:\Users\user\AppData\Roaming | read data or list directory   synchronize | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 72FB60AC       | unknown |
| C:\Users\user                 | read data or list directory   synchronize | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 72FB60AC       | unknown |

| File Path                     | Access                                    | Attributes | Options                                                                                | Completion            | Count | Source Address | Symbol  |
|-------------------------------|-------------------------------------------|------------|----------------------------------------------------------------------------------------|-----------------------|-------|----------------|---------|
| C:\Users\user\AppData\Roaming | read data or list directory   synchronize | device     | directory file   synchronous io non alert   open for backup ident   open reparse point | object name collision | 1     | 72FB60AC       | unknown |

File Written

| File Path      | Offset  | Length | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Ascii                                                                                                                                                                      | Completion      | Count | Source Address | Symbol    |
|----------------|---------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|----------------|-----------|
| \Device\ConDrv | unknown | 0      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                            | success or wait | 1     | 10CA897        | WriteFile |
| \Device\ConDrv | unknown | 169    | 4d 69 63 72 6f 73 6f 66 74 20 28 52 29 20 42 75 69 6c 64 20 45 6e 67 69 6e 65 20 56 65 72 73 69 6f 6e 20 32 2e 30 2e 35 30 37 32 37 2e 38 39 32 32 0d 0a 5b 4d 69 63 72 6f 73 6f 66 74 20 2e 4e 45 54 20 46 72 61 6d 65 77 6f 72 6b 2c 20 56 65 72 73 69 6f 6e 20 32 2e 30 2e 35 30 37 32 37 2e 38 39 32 32 5d 0d 0a 43 6f 70 79 72 69 67 68 74 20 28 43 29 20 4d 69 63 72 6f 73 6f 66 74 20 43 6f 72 70 6f 72 61 74 69 6f 6e 20 32 30 30 35 2e 20 41 6c 6c 20 72 69 67 68 74 73 20 72 65 73 65 72 76 65 64 2e 0d 0a 0d 0a | Microsoft (R) Build Engine Version 2.0.50727.8922.. [Microsoft .NET Framework, Version 2.0.50727.8922]..Copyright (C) Microsoft Corporation 2005. All rights reserved..... | success or wait | 1     | 10CA897        | WriteFile |
| \Device\ConDrv | unknown | 137    | 4d 53 42 55 49 4c 44 20 3a 20 65 72 72 6f 72 20 4d 53 42 31 30 30 33 3a 20 53 70 65 63 69 66 79 20 61 20 70 72 6f 6a 65 63 74 20 6f 72 20 73 6f 6c 75 74 69 6f 6e 20 66 69 6c 65 2e 20 54 68 65 20 63 75 72 72 65 6e 74 20 77 6f 72 6b 69 6e 67 20 64 69 72 65 63 74 6f 72 79 20 64 6f 65 73 20 6e 6f 74 20 63 6f 6e 74 61 69 6e 20 61 20 70 72 6f 6a 65 63 74 20 6f 72 20 73 6f 6c 75 74 69 6f 6e 20 66 69 6c 65 2e 0d 0a                                                                                                 | MSBUILD : error MSB1003: Specify a project or solution file. The current working directory does not contain a project or solution file...                                  | success or wait | 1     | 10CA897        | WriteFile |

File Read

| File Path                                                           | Offset  | Length | Completion      | Count | Source Address | Symbol   |
|---------------------------------------------------------------------|---------|--------|-----------------|-------|----------------|----------|
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config | unknown | 4095   | success or wait | 1     | 72FE5544       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config | unknown | 6304   | success or wait | 3     | 72FE5544       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config | unknown | 4095   | success or wait | 1     | 72FE8738       | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config | unknown | 4095   | success or wait | 1     | 72FE5544       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config | unknown | 8175   | end of file     | 1     | 72FE5544       | unknown  |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config | unknown | 4096   | success or wait | 1     | 10CA897        | ReadFile |
| C:\Windows\Microsoft.NET\Framework\v2.0.50727\CONFIG\machine.config | unknown | 4096   | end of file     | 1     | 10CA897        | ReadFile |

Analysis Process: conhost.exe PID: 772 Parent PID: 5404

| General                |                                 |
|------------------------|---------------------------------|
| Start time:            | 09:44:51                        |
| Start date:            | 12/05/2021                      |
| Path:                  | C:\Windows\System32\conhost.exe |
| Wow64 process (32bit): | false                           |

|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| Commandline:                  | C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 |
| Imagebase:                    | 0x7ff6b2800000                                      |
| File size:                    | 625664 bytes                                        |
| MD5 hash:                     | EA777DEEA782E8B4D7C7C33BBF8A4496                    |
| Has elevated privileges:      | true                                                |
| Has administrator privileges: | true                                                |
| Programmed in:                | C, C++ or other language                            |
| Reputation:                   | high                                                |

Disassembly

Code Analysis