

JoeSandbox Cloud BASIC



ID: 534013

Sample Name:

dxEOMYaOtV.exe

Cookbook: default.jbs

Time: 00:29:26

Date: 05/12/2021

Version: 34.0.0 Boulder Opal

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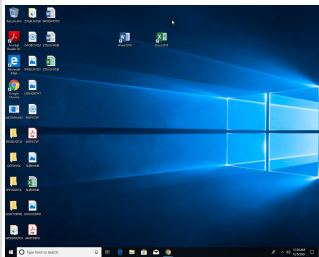
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Overview

General Information

Sample Name:	dxEOMYaOtv.exe
Analysis ID:	534013
MD5:	a20a44e2add8f2e.
SHA1:	bf2886c5bda80c2..
SHA256:	87b9a82fa050196.
Tags:	exe njrat RAT
Infos:	      

Most interesting Screenshot:



Errors

- ⚠ Sigma runtime error: Invalid condition: all of selection* Rule: Conti Backup Database
- ⚠ Sigma runtime error: Invalid condition: all of selection* Rule: Stop Or Remove Antivirus Service
- ⚠ Sigma runtime error: Invalid condition: all of selection* Rule: Conti Volume Shadow Listing
- ⚠ Sigma runtime error: Invalid condition: all of selection* Rule: Compress Data and Lock With Password for Exfiltration With 7-ZIP
- ⚠ Sigma runtime error: Invalid condition: all of selection* Rule: Disable or Delete Windows Eventlog
- ⚠ Sigma runtime error: Invalid condition: all of selection* Rule: PowerShell

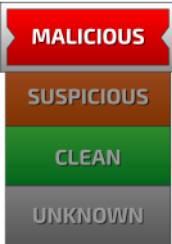
Process Tree

- ```

[!] Sigma runtime error: Invalid condition:
all of selection* Rule: Compress Data
■ System is w10x64
 and Lock With Password for
 •  dxEOMyOtV.exe (PID: 7008 cmdline: "C:\Users\user\Desktop\dxEOMyOtV.exe" MD5: A20A44E2ADD8F2EE2434258A20AC815E)
 •  Iteration With WINZIP
 •  netsh.exe (PID: 7096 cmdline: netsh firewall add allowedprogram "C:\Users\user\Desktop\dxEOMyOtV.exe" "dxEOMyOtV.exe" ENABLE MD5: A0AA3322BB46BBFC36AB9DC1DBBBB807)
 •  conhost.exe (PID: 7108 cmdline: C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 MD5: EA777DEEA782E8B4D7C7C33BBF8A4496)
 ■ cleanup

```

## Detection

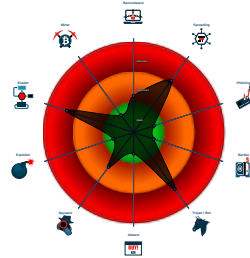


|              |         |
|--------------|---------|
| Score:       | 100     |
| Range:       | 0 - 100 |
| Whitelisted: | false   |
| Confidence:  | 100%    |

## Signatures

- Found malware configuration
- Multi AV Scanner detection for subm...
- Malicious sample detected (through ...
- Yara detected Njrat
- Antivirus / Scanner detection for sub...
- Uses netsh to modify the Windows n...
- Machine Learning detection for samp...
- .NET source code contains potentia...
- C2 URLs / IPs found in malware con...
- Modifies the windows firewall
- Contains functionality to spread to U...
- Uses 32bit PE files
- Queries the volume information (nam...
- Yara signature match
- Antivirus or Machine Learning detec...
- May sleep (evasive loops) to hinder ...
- May infect USB drives
- Detected potential crypto function
- Sample execution stops while proce...
- Abnormal high CPU Usage
- Enables debug privileges
- Creates a DirectInput object (often fo...
- Found a high number of Window / Us...
- Sample file is different than original ...

## Classification



## Malware Configuration

Threatname: Njrat

```
{
 "Campaign ID": "HacKed",
 "Version": "0.7d",
 "Install Name": "3f0e7e396c4b65a76b6471f1f9d6d90a",
 "Install Dir": "Adobe Update",
 "Registry Value": "Software\\Microsoft\\Windows\\CurrentVersion\\Run",
 "Host": "SoftwareMicrosoftWindowsCurrentVersionRun",
 "Port": "NDQz",
 "Network Seprator": "['']"
}
```

## Yara Overview

### Initial Sample

| Source         | Rule                      | Description                                                               | Author                            | Strings                                                                                                                                                                                                                                                                                                                   |
|----------------|---------------------------|---------------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| dxEOMYaOtV.exe | MAL_Winnti_Sample_May18_1 | Detects malware sample from Burning Umbrella report - Generic Winnti Rule | Florian Roth                      | <ul style="list-style-type: none"> <li>0x13292:\$s1: wireshark</li> <li>0x1325c:\$s2: procexp</li> </ul>                                                                                                                                                                                                                  |
| dxEOMYaOtV.exe | CN_disclosed_20180208_c   | Detects malware from disclosed CN malware set                             | Florian Roth                      | <ul style="list-style-type: none"> <li>0x15ca9:\$x1: cmd.exe /c ping 0 -n 2 &amp; del "</li> <li>0x137c2:\$s1: winmgmts:\\.root\SecurityCenter2</li> <li>0x15717:\$s3: Executed As</li> <li>0x124f0:\$s5: Stub.exe</li> <li>0x156f9:\$s6: Download ERROR</li> <li>0x13784:\$s8: Select * From AntiVirusProduct</li> </ul> |
| dxEOMYaOtV.exe | JoeSecurity_Njrat         | Yara detected Njrat                                                       | Joe Security                      |                                                                                                                                                                                                                                                                                                                           |
| dxEOMYaOtV.exe | Njrat                     | detect njRAT in memory                                                    | JPCERT/CC Incident Response Group | <ul style="list-style-type: none"> <li>0x15a57:\$reg: SEE_MASK_NOZONECHECKS</li> <li>0x156dd:\$msg: Execute ERROR</li> <li>0x15731:\$msg: Execute ERROR</li> <li>0x15ca9:\$ping: cmd.exe /c ping 0 -n 2 &amp; del</li> </ul>                                                                                              |

### Memory Dumps

| Source                                                               | Rule              | Description            | Author                            | Strings                                                                                                                                                                                                                      |
|----------------------------------------------------------------------|-------------------|------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 00000000.00000002.1182843286.00000000003B2000.00000002.00020000.sdmp | JoeSecurity_Njrat | Yara detected Njrat    | Joe Security                      |                                                                                                                                                                                                                              |
| 00000000.00000002.1182843286.00000000003B2000.00000002.00020000.sdmp | Njrat             | detect njRAT in memory | JPCERT/CC Incident Response Group | <ul style="list-style-type: none"> <li>0x15857:\$reg: SEE_MASK_NOZONECHECKS</li> <li>0x154dd:\$msg: Execute ERROR</li> <li>0x15531:\$msg: Execute ERROR</li> <li>0x15aa9:\$ping: cmd.exe /c ping 0 -n 2 &amp; del</li> </ul> |
| 00000000.00000000.656185698.00000000003B2000.00000002.00020000.sdmp  | JoeSecurity_Njrat | Yara detected Njrat    | Joe Security                      |                                                                                                                                                                                                                              |
| 00000000.00000000.656185698.00000000003B2000.00000002.00020000.sdmp  | Njrat             | detect njRAT in memory | JPCERT/CC Incident Response Group | <ul style="list-style-type: none"> <li>0x15857:\$reg: SEE_MASK_NOZONECHECKS</li> <li>0x154dd:\$msg: Execute ERROR</li> <li>0x15531:\$msg: Execute ERROR</li> <li>0x15aa9:\$ping: cmd.exe /c ping 0 -n 2 &amp; del</li> </ul> |
| 00000000.00000002.1183435675.00000000029B1000.00000004.00000001.sdmp | JoeSecurity_Njrat | Yara detected Njrat    | Joe Security                      |                                                                                                                                                                                                                              |

[Click to see the 1 entries](#)

### Unpacked PEs

| Source                             | Rule                      | Description                                                               | Author                            | Strings                                                                                                                                                                                                                                                                                                                   |
|------------------------------------|---------------------------|---------------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0.0.dxEOMYaOtV.exe.3b0000.0.unpack | MAL_Winnti_Sample_May18_1 | Detects malware sample from Burning Umbrella report - Generic Winnti Rule | Florian Roth                      | <ul style="list-style-type: none"> <li>0x13292:\$s1: wireshark</li> <li>0x1325c:\$s2: procexp</li> </ul>                                                                                                                                                                                                                  |
| 0.0.dxEOMYaOtV.exe.3b0000.0.unpack | CN_disclosed_20180208_c   | Detects malware from disclosed CN malware set                             | Florian Roth                      | <ul style="list-style-type: none"> <li>0x15ca9:\$x1: cmd.exe /c ping 0 -n 2 &amp; del "</li> <li>0x137c2:\$s1: winmgmts:\\.root\SecurityCenter2</li> <li>0x15717:\$s3: Executed As</li> <li>0x124f0:\$s5: Stub.exe</li> <li>0x156f9:\$s6: Download ERROR</li> <li>0x13784:\$s8: Select * From AntiVirusProduct</li> </ul> |
| 0.0.dxEOMYaOtV.exe.3b0000.0.unpack | JoeSecurity_Njrat         | Yara detected Njrat                                                       | Joe Security                      |                                                                                                                                                                                                                                                                                                                           |
| 0.0.dxEOMYaOtV.exe.3b0000.0.unpack | Njrat                     | detect njRAT in memory                                                    | JPCERT/CC Incident Response Group | <ul style="list-style-type: none"> <li>0x15a57:\$reg: SEE_MASK_NOZONECHECKS</li> <li>0x156dd:\$msg: Execute ERROR</li> <li>0x15731:\$msg: Execute ERROR</li> <li>0x15ca9:\$ping: cmd.exe /c ping 0 -n 2 &amp; del</li> </ul>                                                                                              |

| Source                             | Rule                      | Description                                                               | Author       | Strings                                                                                                  |
|------------------------------------|---------------------------|---------------------------------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------|
| 0.2.dxEOMYaOtV.exe.3b0000.0.unpack | MAL_Winnti_Sample_May18_1 | Detects malware sample from Burning Umbrella report - Generic Winnti Rule | Florian Roth | <ul style="list-style-type: none"> <li>0x13292:\$s1: wireshark</li> <li>0x1325c:\$s2: procexp</li> </ul> |
| Click to see the 3 entries         |                           |                                                                           |              |                                                                                                          |

## Sigma Overview

### System Summary:



Sigma detected: Netsh Port or Application Allowed

## Jbx Signature Overview

 Click to jump to signature section

### AV Detection:



Found malware configuration

Multi AV Scanner detection for submitted file

Yara detected Njrat

Antivirus / Scanner detection for submitted sample

Machine Learning detection for sample

### Spreading:



Contains functionality to spread to USB devices (.Net source)

### Networking:



C2 URLs / IPs found in malware configuration

### E-Banking Fraud:



Yara detected Njrat

### System Summary:



Malicious sample detected (through community Yara rule)

### Data Obfuscation:



.NET source code contains potential unpacker

### Lowering of HIPS / PFW / Operating System Security Settings:



Uses netsh to modify the Windows network and firewall settings

Modifies the windows firewall

## Stealing of Sensitive Information:



Yara detected Njrat

## Remote Access Functionality:

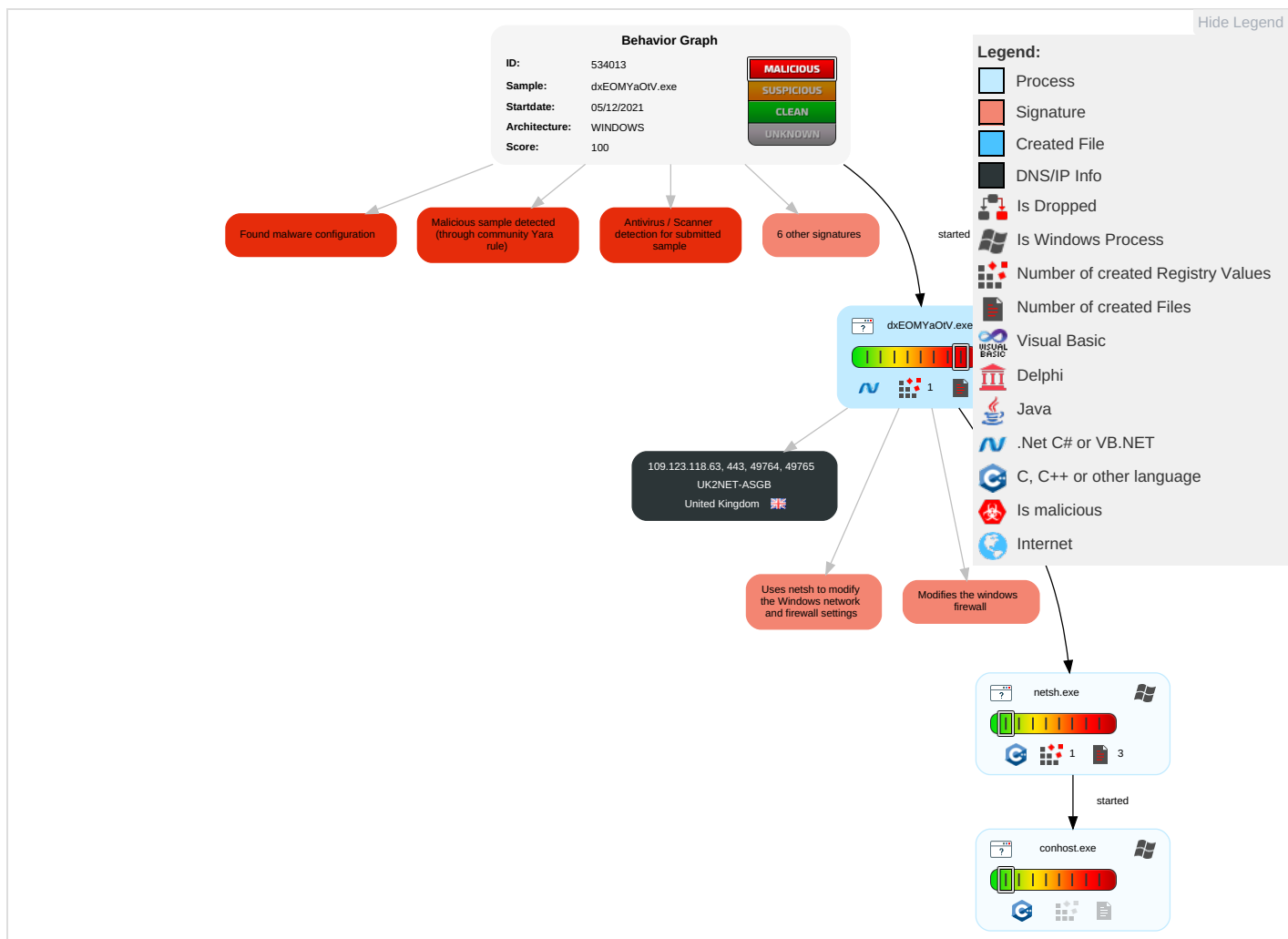


Yara detected Njrat

## Mitre Att&ck Matrix

| Initial Access                                 | Execution                          | Persistence                          | Privilege Escalation               | Defense Evasion                         | Credential Access         | Discovery                               | Lateral Movement                               | Collection                      | Exfiltration                                          | Command and Control                   | Network Effects                     |
|------------------------------------------------|------------------------------------|--------------------------------------|------------------------------------|-----------------------------------------|---------------------------|-----------------------------------------|------------------------------------------------|---------------------------------|-------------------------------------------------------|---------------------------------------|-------------------------------------|
| Replication Through Removable Media <b>1 1</b> | Windows Management Instrumentation | Path Interception                    | Access Token Manipulation <b>1</b> | Masquerading <b>1</b>                   | Input Capture <b>1</b>    | Security Software Discovery <b>1</b>    | Replication Through Removable Media <b>1 1</b> | Input Capture <b>1</b>          | Exfiltration Over Other Network Medium                | Encrypted Channel <b>1 2</b>          | Eavesdrop Insecure Network Communic |
| Default Accounts                               | Scheduled Task/Job                 | Boot or Logon Initialization Scripts | Process Injection <b>2</b>         | Virtualization/Sandbox Evasion <b>1</b> | LSASS Memory              | Virtualization/Sandbox Evasion <b>1</b> | Remote Desktop Protocol                        | Archive Collected Data <b>1</b> | Exfiltration Over Bluetooth                           | Application Layer Protocol <b>1 1</b> | Exploit SS Redirect P Calls/SMS     |
| Domain Accounts                                | At (Linux)                         | Logon Script (Windows)               | Logon Script (Windows)             | Disable or Modify Tools <b>2 1</b>      | Security Account Manager  | Process Discovery <b>1</b>              | SMB/Windows Admin Shares                       | Clipboard Data <b>1</b>         | Automated Exfiltration                                | Steganography                         | Exploit SS Track Devi Location      |
| 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                                    | Protocol Impersonation                | SIM Card Swap                       |
| Cloud Accounts                                 | Cron                               | Network Logon Script                 | Network Logon Script               | Process Injection <b>2</b>              | LSA Secrets               | Peripheral Device Discovery <b>1</b>    | SSH                                            | Keylogging                      | Data Transfer Size Limits                             | Fallback Channels                     | Manipulate Device Communic          |
| Replication Through Removable Media            | Launchd                            | Rc.common                            | Rc.common                          | Software Packing <b>1 1</b>             | Cached Domain Credentials | Account Discovery <b>1</b>              | VNC                                            | GUI Input Capture               | Exfiltration Over C2 Channel                          | Multiband Communication               | Jamming c Denial of Service         |
| External Remote Services                       | Scheduled Task                     | Startup Items                        | Startup Items                      | Compile After Delivery                  | DCSync                    | System Owner/User Discovery <b>1</b>    | Windows Remote Management                      | Web Portal Capture              | Exfiltration Over Alternative Protocol                | Commonly Used Port                    | Rogue Wi-Access Po                  |
| Drive-by Compromise                            | Command and Scripting Interpreter  | Scheduled Task/Job                   | Scheduled Task/Job                 | Indicator Removal from Tools            | Proc Filesystem           | System Information Discovery <b>1 2</b> | Shared Webroot                                 | Credential API Hooking          | Exfiltration Over Symmetric Encrypted Non-C2 Protocol | Application Layer Protocol            | Downgrad Insecure Protocols         |

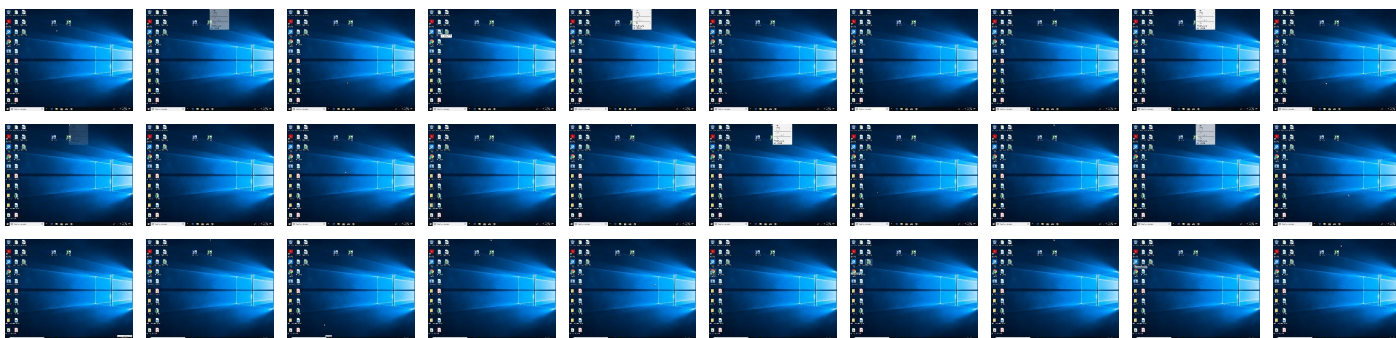
## Behavior Graph



## Screenshots

### Thumbnails

This section contains all screenshots as thumbnails, including those not shown in the slideshow.





## Antivirus, Machine Learning and Genetic Malware Detection

### Initial Sample

| Source         | Detection | Scanner        | Label                             | Link                   |
|----------------|-----------|----------------|-----------------------------------|------------------------|
| dxEOMYaOtV.exe | 66%       | Virusotal      |                                   | <a href="#">Browse</a> |
| dxEOMYaOtV.exe | 93%       | ReversingLabs  | ByteCode-MSIL.Backdoor.Bladabhind |                        |
| dxEOMYaOtV.exe | 100%      | Avira          | TR/Dropper.Gen                    |                        |
| dxEOMYaOtV.exe | 100%      | Joe Sandbox ML |                                   |                        |

### Dropped Files

No Antivirus matches

### Unpacked PE Files

| Source                             | Detection | Scanner | Label          | Link | Download                      |
|------------------------------------|-----------|---------|----------------|------|-------------------------------|
| 0.2.dxEOMYaOtV.exe.3b0000.0.unpack | 100%      | Avira   | TR/Dropper.Gen |      | <a href="#">Download File</a> |
| 0.0.dxEOMYaOtV.exe.3b0000.0.unpack | 100%      | Avira   | TR/Dropper.Gen |      | <a href="#">Download File</a> |

### Domains

No Antivirus matches

## URLs

| Source                                    | Detection | Scanner         | Label | Link |
|-------------------------------------------|-----------|-----------------|-------|------|
| http://go.microsoft.                      | 0%        | URL Reputation  | safe  |      |
| http://go.microsoft.LinkId=42127          | 0%        | Avira URL Cloud | safe  |      |
| SoftwareMicrosoftWindowsCurrentVersionRun | 0%        | Avira URL Cloud | safe  |      |

## Domains and IPs

### Contacted Domains

No contacted domains info

### Contacted URLs

| Name                                      | Malicious | Antivirus Detection     | Reputation |
|-------------------------------------------|-----------|-------------------------|------------|
| SoftwareMicrosoftWindowsCurrentVersionRun | true      | • Avira URL Cloud: safe | low        |

## URLs from Memory and Binaries

### Contacted IPs

### Public

| IP             | Domain  | Country        | Flag                                                                               | ASN   | ASN Name    | Malicious |
|----------------|---------|----------------|------------------------------------------------------------------------------------|-------|-------------|-----------|
| 109.123.118.63 | unknown | United Kingdom |  | 13213 | UK2NET-ASGB | false     |

## General Information

|                                                    |                                                                                                                                                                                  |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Joe Sandbox Version:                               | 34.0.0 Boulder Opal                                                                                                                                                              |
| Analysis ID:                                       | 534013                                                                                                                                                                           |
| Start date:                                        | 05.12.2021                                                                                                                                                                       |
| Start time:                                        | 00:29:26                                                                                                                                                                         |
| Joe Sandbox Product:                               | CloudBasic                                                                                                                                                                       |
| Overall analysis duration:                         | 0h 7m 25s                                                                                                                                                                        |
| Hypervisor based Inspection enabled:               | false                                                                                                                                                                            |
| Report type:                                       | light                                                                                                                                                                            |
| Sample file name:                                  | dxEOMYaOtV.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: | 17                                                                                                                                                                               |
| 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.spre.troj.evad.winEXE@4/2@0/1                                                                                                                                             |
| EGA Information:                                   | Failed                                                                                                                                                                           |
| HDC Information:                                   | <ul style="list-style-type: none"><li>• Successful, ratio: 2.3% (good quality ratio 1.2%)</li><li>• Quality average: 36.6%</li><li>• Quality standard deviation: 35.4%</li></ul> |

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HCA Information:   | <ul style="list-style-type: none"><li>• Successful, ratio: 98%</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><li>• Override analysis time to 240s for sample files taking high CPU consumption</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Warnings:          | Show All                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Errors:            | <ul style="list-style-type: none"><li>• Sigma runtime error: Invalid condition: all of selection* Rule: Conti Backup Database</li><li>• Sigma runtime error: Invalid condition: all of selection* Rule: Stop Or Remove Antivirus Service</li><li>• Sigma runtime error: Invalid condition: all of selection* Rule: Conti Volume Shadow Listing</li><li>• Sigma runtime error: Invalid condition: all of selection* Rule: Compress Data and Lock With Password for Exfiltration With 7-ZIP</li><li>• Sigma runtime error: Invalid condition: all of selection* Rule: Disable or Delete Windows Eventlog</li><li>• Sigma runtime error: Invalid condition: all of selection* Rule: PowerShell SAM Copy</li><li>• Sigma runtime error: Invalid condition: all of selection* Rule: Compress Data and Lock With Password for Exfiltration With WINZIP</li></ul> |

## Simulations

### Behavior and APIs

No simulations

## Joe Sandbox View / Context

### IPs

No context

### Domains

No context

### ASN

| Match       | Associated Sample Name / URL           | SHA 256                  | Detection | Link                   | Context                                                          |
|-------------|----------------------------------------|--------------------------|-----------|------------------------|------------------------------------------------------------------|
| UK2NET-ASGB | iEChGuO0Wy.exe                         | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | <ul style="list-style-type: none"><li>• 37.123.118.150</li></ul> |
|             | ZDSWrJbftX.exe                         | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | <ul style="list-style-type: none"><li>• 37.123.118.150</li></ul> |
|             | Purchase Order.exe                     | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | <ul style="list-style-type: none"><li>• 37.123.118.150</li></ul> |
|             | Invoice.exe                            | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | <ul style="list-style-type: none"><li>• 37.123.118.150</li></ul> |
|             | Poh Tiong Trading - products list.exe  | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | <ul style="list-style-type: none"><li>• 37.123.118.150</li></ul> |
|             | yMznKPLZVR.exe                         | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | <ul style="list-style-type: none"><li>• 37.123.118.150</li></ul> |
|             | REMITTANCE ADVICE.xlsx                 | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | <ul style="list-style-type: none"><li>• 37.123.118.150</li></ul> |
|             | REMITTANCE ADVICE.xlsx                 | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | <ul style="list-style-type: none"><li>• 37.123.118.150</li></ul> |
|             | ENQ 6205009033-6000003867.exe          | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | <ul style="list-style-type: none"><li>• 37.123.118.150</li></ul> |
|             | 77IsbA5bpi.exe                         | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | <ul style="list-style-type: none"><li>• 37.123.118.150</li></ul> |
|             | RTfEx2KlXu                             | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | <ul style="list-style-type: none"><li>• 77.92.90.80</li></ul>    |
|             | OlHeE02x0N.exe                         | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | <ul style="list-style-type: none"><li>• 37.123.118.150</li></ul> |
|             | TT COPY_02101011.exe                   | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | <ul style="list-style-type: none"><li>• 37.123.118.150</li></ul> |
|             | XKLyPH8fil.exe                         | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | <ul style="list-style-type: none"><li>• 37.123.118.150</li></ul> |
|             | Citation-HEQ211025001T-EXPP v4.pdf.exe | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | <ul style="list-style-type: none"><li>• 37.123.118.150</li></ul> |
|             | VSL_MV SEA-BLUE SHIP OWNERS.exe        | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | <ul style="list-style-type: none"><li>• 37.123.118.150</li></ul> |
|             | Order.exe                              | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | <ul style="list-style-type: none"><li>• 37.123.118.150</li></ul> |
|             | New Offer.exe                          | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | <ul style="list-style-type: none"><li>• 37.123.118.150</li></ul> |
|             | 202111161629639000582.exe              | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | <ul style="list-style-type: none"><li>• 37.123.118.150</li></ul> |
|             | vGULtWc6Jh.exe                         | <a href="#">Get hash</a> | malicious | <a href="#">Browse</a> | <ul style="list-style-type: none"><li>• 37.123.118.150</li></ul> |

### JA3 Fingerprints

No context

### Dropped Files

|            |
|------------|
| No context |
|------------|

## Created / dropped Files

### C:\Users\luser\AppData\Roaming\lapp

|                 |                                                                                                                                  |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Users\luser\Desktop\ldxEOMYaOtV.exe                                                                                           |
| File Type:      | UTF-8 Unicode (with BOM) text, with no line terminators                                                                          |
| Category:       | dropped                                                                                                                          |
| Size (bytes):   | 4                                                                                                                                |
| Entropy (8bit): | 2.0                                                                                                                              |
| Encrypted:      | false                                                                                                                            |
| SSDEEP:         | 3:V:V                                                                                                                            |
| MD5:            | C6BDBC9D86009CCF7E8DE878C9603213                                                                                                 |
| SHA1:           | 2A4B8716F978F2D107BCD8294B486A5EE45AFE6E                                                                                         |
| SHA-256:        | 36A067FDFCEE95EB270F0B72E3B9E40D52C907D749FB9A8490D82F8EE56B29EB                                                                 |
| SHA-512:        | C42A52CD8837E2533B3D5EC97639F0C94287E3D7A6C73635C21DF50EBA8483B60DF15BF262A308836875CD9AFED504E7F98A2F6B254E4181FE548B1853D42256 |
| Malicious:      | false                                                                                                                            |
| Reputation:     | low                                                                                                                              |
| Preview:        | .5                                                                                                                               |

### \\Device\ConDrv

|                 |                                                                                                                                                                                                                                                                                                                           |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process:        | C:\Windows\SysWOW64\netsh.exe                                                                                                                                                                                                                                                                                             |
| File Type:      | ASCII text, with CRLF line terminators                                                                                                                                                                                                                                                                                    |
| Category:       | dropped                                                                                                                                                                                                                                                                                                                   |
| Size (bytes):   | 313                                                                                                                                                                                                                                                                                                                       |
| Entropy (8bit): | 4.971939296804078                                                                                                                                                                                                                                                                                                         |
| Encrypted:      | false                                                                                                                                                                                                                                                                                                                     |
| SSDEEP:         | 6:/ojfKsUTGN8Ypox42k9L+DbGMKeQE+vigqAZs2E+AYeDPO+Yswyha:wjPIGNrkHk9iaeIM6ADDPOHyha                                                                                                                                                                                                                                        |
| MD5:            | 689E2126A85BF55121488295EE068FA1                                                                                                                                                                                                                                                                                          |
| SHA1:           | 09BAAA253A49D80C18326DFBCA106551EBF22DD6                                                                                                                                                                                                                                                                                  |
| SHA-256:        | D968A966EF474068E41256321F77807A042F1965744633D37A203A705662EC25                                                                                                                                                                                                                                                          |
| SHA-512:        | C3736A8FC7E6573FA1B26FE6A901C05EE85C55A4A276F8F569D9EADC9A58BEC507D1BB90DBF9EA62AE79A6783178C69304187D6B90441D82E46F5F56172B5C5C                                                                                                                                                                                          |
| Malicious:      | false                                                                                                                                                                                                                                                                                                                     |
| Reputation:     | high, very likely benign file                                                                                                                                                                                                                                                                                             |
| Preview:        | ..IMPORTANT: Command executed successfully...However, "netsh firewall" is deprecated;..use "netsh advfirewall firewall" instead...For more information on using "netsh advfirewall firewall" commands..instead of "netsh firewall", see KB article 947709..at https://go.microsoft.com/fwlink/?linkid=121488 .....Ok..... |

## Static File Info

### General

|                 |                                                                                                                                                                                                                                                                                                                                          |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| File type:      | PE32 executable (GUI) Intel 80386 Mono/.Net assembly, for MS Windows                                                                                                                                                                                                                                                                     |
| Entropy (8bit): | 5.567952442278428                                                                                                                                                                                                                                                                                                                        |
| TrID:           | <ul style="list-style-type: none"><li>Win32 Executable (generic) Net Framework (10011505/4) 49.80%</li><li>Win32 Executable (generic) a (10002005/4) 49.75%</li><li>Generic CIL Executable (.NET, Mono, etc.) (73296/58) 0.36%</li><li>Windows Screen Saver (13104/52) 0.07%</li><li>Generic Win/DOS Executable (2004/3) 0.01%</li></ul> |
| File name:      | dxEOMYaOtV.exe                                                                                                                                                                                                                                                                                                                           |
| File size:      | 95232                                                                                                                                                                                                                                                                                                                                    |
| MD5:            | a20a44e2add8f2ee2434258a20ac815e                                                                                                                                                                                                                                                                                                         |
| SHA1:           | bf2886c5bda80c2cc1a1a8d3d270f3e82f3f39b9                                                                                                                                                                                                                                                                                                 |
| SHA256:         | 87b9a82fa05019692e89dc944a4fe1ab669d1c844abfd509c7e3648a024d4a73                                                                                                                                                                                                                                                                         |
| SHA512:         | ebb8b81d74aaf9475f64a23116da3d62497a6c92f6a7ac33fdbc7895e0aab6419c86ab92e104dc66cfc13a5bd0faa104fb3a997ce7bcbfd0044e2ad3d25273e36                                                                                                                                                                                                        |

General

|                       |                                                                                                                   |
|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| SSDEEP:               | 1536:RUXTr1IDavIZhbSKa9YdjEwzGi1dDyD6gS:RUXS DavIZIXmqi1dk/                                                       |
| File Content Preview: | MZ.....@.....!..L!Th<br>is program cannot be run in DOS mode.....\$.....PE..L.....!<br>.a.....p.....@..<br>@..... |

File Icon

|                                                                                   |                  |
|-----------------------------------------------------------------------------------|------------------|
|  |                  |
| Icon Hash:                                                                        | 00828e8e8686b000 |

Static PE Info

General

|                             |                                                        |
|-----------------------------|--------------------------------------------------------|
| Entrypoint:                 | 0x418f2e                                               |
| Entrypoint Section:         | .text                                                  |
| Digitally signed:           | false                                                  |
| Imagebase:                  | 0x400000                                               |
| Subsystem:                  | windows gui                                            |
| Image File Characteristics: | 32BIT_MACHINE, EXECUTABLE_IMAGE                        |
| DLL Characteristics:        | NO_SEH, TERMINAL_SERVER_AWARE, DYNAMIC_BASE, NX_COMPAT |
| Time Stamp:                 | 0x61A921A0 [Thu Dec 2 19:42:24 2021 UTC]               |
| TLS Callbacks:              |                                                        |
| CLR (.Net) Version:         | v2.0.50727                                             |
| 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:                | f34d5f2d4577ed6d9ceec516c1f5a744                       |

Entrypoint Preview

Data Directories

Sections

| Name   | Virtual Address | Virtual Size | Raw Size | Xored PE | ZLIB Complexity | File Type | Entropy        | Characteristics                                                               |
|--------|-----------------|--------------|----------|----------|-----------------|-----------|----------------|-------------------------------------------------------------------------------|
| .text  | 0x2000          | 0x16f34      | 0x17000  | False    | 0.368089758832  | data      | 5.59964154951  | IMAGE_SCN_MEM_EXECUTE, IMAGE_SCN_CNT_CODE, IMAGE_SCN_MEM_READ                 |
| .reloc | 0x1a000         | 0xc          | 0x200    | False    | 0.044921875     | data      | 0.101910425663 | IMAGE_SCN_CNT_INITIALIZED_DATA, IMAGE_SCN_MEM_DISCARDABLE, IMAGE_SCN_MEM_READ |

Imports

Network Behavior

Network Port Distribution

TCP Packets

Code Manipulations

Statistics

Behavior

 Click to jump to process

System Behavior

Analysis Process: dxEOMYaOtV.exe PID: 7008 Parent PID: 5528

General

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Start time:                   | 00:30:18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Start date:                   | 05/12/2021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Path:                         | C:\Users\user\Desktop\dxEOMYaOtV.exe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Wow64 process (32bit):        | true                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Commandline:                  | "C:\Users\user\Desktop\dxEOMYaOtV.exe"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Imagebase:                    | 0x3b0000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| File size:                    | 95232 bytes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MD5 hash:                     | A20A44E2ADD8F2EE2434258A20AC815E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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: JoeSecurity_Njrat, Description: Yara detected Njrat, Source: 00000000.00000002.1182843286.00000000003B2000.00000002.00020000.sdmp, Author: Joe Security</li><li>• Rule: Njrat, Description: detect njRAT in memory, Source: 00000000.00000002.1182843286.00000000003B2000.00000002.00020000.sdmp, Author: JPCERT/CC Incident Response Group</li><li>• Rule: JoeSecurity_Njrat, Description: Yara detected Njrat, Source: 00000000.00000000.656185698.00000000003B2000.00000002.00020000.sdmp, Author: Joe Security</li><li>• Rule: Njrat, Description: detect njRAT in memory, Source: 00000000.00000000.656185698.00000000003B2000.00000002.00020000.sdmp, Author: JPCERT/CC Incident Response Group</li><li>• Rule: JoeSecurity_Njrat, Description: Yara detected Njrat, Source: 00000000.00000002.1183435675.00000000029B1000.00000004.00000001.sdmp, Author: Joe Security</li></ul> |
| Reputation:                   | low                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

File Activities

Show Windows behavior

File Created

File Written

File Read

Registry Activities

Show Windows behavior

Key Created

Key Value Created

Analysis Process: netsh.exe PID: 7096 Parent PID: 7008

## General

|                               |                                                                                                  |
|-------------------------------|--------------------------------------------------------------------------------------------------|
| Start time:                   | 00:30:20                                                                                         |
| Start date:                   | 05/12/2021                                                                                       |
| Path:                         | C:\Windows\SysWOW64\netsh.exe                                                                    |
| Wow64 process (32bit):        | true                                                                                             |
| Commandline:                  | netsh firewall add allowedprogram "C:\Users\user\Desktop\dxEOMYaOtV.exe" "dxEOMYaOtV.exe" ENABLE |
| Imagebase:                    | 0x9f0000                                                                                         |
| File size:                    | 82944 bytes                                                                                      |
| MD5 hash:                     | A0AA3322BB46BBFC36AB9DC1DBBBB807                                                                 |
| Has elevated privileges:      | true                                                                                             |
| Has administrator privileges: | true                                                                                             |
| Programmed in:                | C, C++ or other language                                                                         |
| Reputation:                   | high                                                                                             |

## File Activities

[Show Windows behavior](#)

## File Written

## Registry Activities

[Show Windows behavior](#)

## Analysis Process: conhost.exe PID: 7108 Parent PID: 7096

## General

|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| Start time:                   | 00:30:21                                            |
| Start date:                   | 05/12/2021                                          |
| Path:                         | C:\Windows\System32\conhost.exe                     |
| Wow64 process (32bit):        | false                                               |
| Commandline:                  | C:\Windows\system32\conhost.exe 0xffffffff -ForceV1 |
| Imagebase:                    | 0x7ff724c50000                                      |
| 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