

Analyzing OBSCURE#BAT: Threat Actors Lure Victims into Executing Malicious Batch Scripts to Deploy Stealthy Rootkits

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Securonix Threat Research Security Advisory

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tldr:

The Securonix Threat Research team has been tracking a stealthy malware campaign leveraging social engineering and deceptive file downloads to trick users into executing heavily obfuscated code. This infection ultimately deploys a user-mode rootkit that manipulates system processes and registry entries to evade detection and maintain persistence.



Tracked as OBSCURE#BAT, our team recently identified a malicious campaign that relies on batch script execution to kick off a deep-nested chain of malware resulting in a user-mode rootkit that we identified as r77 rootkit which has the ability to cloak or mask any file, registry key or task beginning with a specific prefix. It has been targeting users by either masquerading as legitimate software downloads or via fake captcha social engineering scams.

The malware that gets installed leverages a user-mode rootkit to establish persistence and evade detection on compromised systems. The infection begins with highly obfuscated batch scripts, which execute a series of environment variable manipulations and PowerShell commands to deploy the next-stage payload. The malware stores obfuscated scripts in the Windows Registry and ensures execution via scheduled tasks, allowing it to run stealthily in the background. Additionally, it modifies system registry keys to register a fake driver (`ACPIx86.sys`), further embedding itself into the system.

What makes this malware particularly dangerous is its ability to hide files, registry entries, and running processes using user-mode API hooking. Any artifacts matching a specific pattern (`$nya-`) become invisible to standard Windows tools like Task Manager, Explorer, and shell commands such as `dir` to list directory contents. The malware also interacts with critical system processes allowing it to embed deeper into legitimate processes and services. Security logs indicate it is capable of deleting evidence of its activity while remaining undetectable by conventional methods.

Key observations

- Attackers are using several methods to get users to execute malicious batch scripts
- Obfuscated batch script initiates infection by executing dynamic PowerShell commands.
- Persistence established through scheduled tasks and registry injected PowerShell scripts.
- Files, registry entries and processes hidden using API hooking, preventing detection by users and standard tools.

- Attempts to register a fake driver (`ACPIx86.sys`) via the Windows Registry for further persistence.
- Signs of process injection into legitimate Windows processes.
- The infected system prevents visibility of any files, processes or registry keys matching the “ `$nya-` ” prefix.
- PowerShell execution delays and hidden processes suggest advanced rootkit behavior.
- Final payloads include a user-mode rootkit and another system mode rootkit which gets executed as a service
- Malware regularly monitors for clipboard and command history and saves them into hidden files for exfiltration

Initial infection

Code execution begins when a user unknowingly or knowingly executes a malicious batch file. We observed several methods used by the attackers:

Delivery method 1: Fake captcha to code execution:

The idea behind this social engineering scam is to trick the user into executing malicious code by masquerading as a legitimate Cloudflare captcha. Many of the captchas we observed appeared to be behind typosquatted domains such as `hxps://cooinbase[.]net` in one example we observed.

We’ve all seen the dialog boxes and clicked the fire hydrants and crosswalks dozens of times. Attackers pray on these rather innocuous tasks in order to trick the user into executing malicious code instead.[\[a\]](#)

As seen in the figure below, when a user clicks the “Verify you are human” checkbox, code is copied via JavaScript to the user’s keyboard. Instructions follow to hit Windows + R to open the run dialog box, paste in the just copied contents, and then hit OK.

Figure 1: Initial code execution

Delivery method 2: Masquerading as legitimate tooling

The attackers also opted to spread the malware by masquerading as legitimate tools and software. We observed several file names that revealed some insight as to the tools they were masquerading as. As you’ll see further down in the campaign, SIP (VoIP) software, the Tor Browser, Adobe software and other network and message client software. Unfortunately we were not able to obtain any information as to the download links, though we speculate that [malvertising](#) could have been an initial starting point.

Initial code execution analysis

While we were able to gather many of the attackers .bat files, we’ll focus on one in particular. This batch file was a part of a downloaded zip file “sip.zip” which contained a malicious batch file named “install.bat”. The rest of the files appeared to be legitimate and non-malicious.

The install.bat file serves as the initial execution point for the malware, setting off a series of actions that establish persistence and deploy the embedded RAT malware and rootkit. When a user clicks on install.bat, it calls PowerShell to execute obfuscated commands, which in turn write additional scripts or payloads to disk, modify the registry, and schedule tasks for persistence, which we’ll dive into further down.

Figure 2: sip.zip file contents – install.bat

The batch file is highly obfuscated, making static analysis difficult. Because of this, detections were minimal. At the time of writing, we analyzed a few batch files identified as part of the OBSCURE#BAT campaign and they all scored very low (0–2 detections on VirusTotal).

Figure 3: VirusTotal detections for install.bat

At first glance, the batch scripts used in the campaign are massive. In this example, we’ll analyze “install.bat” which stood at over 6MB in size.

After opening the batch file in a text editor, the reason for its size becomes apparent. The script contains thousands of lines of variables defined or concatenated to thwart analysis.

The script essentially consists of two main components:

1. The obfuscated batch script code which we'll dive into now
2. A very large string of random characters at the last line of the script – an embedded payload we'll discuss later.

The obfuscated batch script relies heavily on padding the code with useless variables (defined by %...%) and character substitutions. Strings of commands are built from hundreds of predefined variables which, when parsed, execute the next-stage payload.

Figure 4: Obfuscated contents of install.bat

Deobfuscating the contents of install.bat took some time, but once we identified the variable sequences that built up the SET command, it started to come together. We replaced those sequences with the actual SET command.

Once done, the remaining lines consisted of concatenated variable strings. By inserting an ECHO command before them, we could print the contents instead of executing them.

Figure 5: Deobfuscation process of install.bat

Once initial execution is completed, the install.bat file deletes itself, hiding malicious artifacts while the next-stage PowerShell code is executed.

PowerShell Execution

The PowerShell executed in the next stage performs key tasks. First, it performs odd system checks using `Get-WmiObject Win32_DiskDrive` to query the system's physical disk drive information.

The command retrieves details about all connected storage devices, while `Select-Object -ExpandProperty Model` extracts only the model names. The output is then piped to `findstr /i 'WDS100T2B0A'`, which performs a case-insensitive search for the SSD model WDS100T2B0A (a Western Digital Blue SSD, 1TB SATA 2.5").

If this specific SSD is found, the script proceeds with additional checks (such as verifying if the F:\ drive is empty) – an anti-analysis technique to detect forensic environments. However, we could not determine why execution would be halted based on these checks.

Figure 6: PowerShell execution – disk drive checks

Lastly, the script either exits with error code 900 if the SSD (WDS100T2B0A) is detected and F:\ is empty, or continues normally.

PowerShell Obfuscation

The PowerShell script employs multiple obfuscation techniques to evade detection. One primary method is string obfuscation using concatenation and character replacements – evident from the extensive use of `.Replace()` functions.

For example, one line uses PowerShell invoke expressions to run:

```
'$rFUJ=[nKSnKynKsnKtnKemK.nKSenKcnKunKrinKtnKynK.nKcNkrnKynKpnKtnKonKgnKrnKanKpnKhyK.nKAnKesnK]nK::nKCrnKenKanKtnKe(nK)nK;.Replace('nK')
```

After removing “nK” characters, the command becomes:

```
$rFUJ = [System.Security.Cryptography.Aes]::Create();
```

This reveals that AES encryption is used to decrypt and execute an encoded payload. The script also employs function aliasing and variable obfuscation to further mask its true purpose.

Figure 7: PowerShell obfuscation in Invoke-Expressions

1. -InformationAction Ignore: This suppresses informational messages that could reveal execution details.
2. -Verbose: Used for debugging, though its effect is muted unless VerbosePreference is set to Continue.
3. -Debug: Enables detailed debugging output, which is unusual in malware and may be used to blend in with normal script behavior.

Embedded payload – Decrypt, decode and execute

With the code cleaned up for readability, we see that the PowerShell script implements a multi-layered decryption process on an embedded payload. The huge string at the end of “install.bat” is read in by PowerShell, decoded, extracted, and then executed.

The decryption process involves three key functions as shown in the figure below: `taBy` , `mDmV` , and `EHSd` , which work together to extract and execute the final payload.

Figure 8: Cleaned up PowerShell – decryption process of embedded payloads

The `EHSd` function executes the final stage of the decoded payload. It takes two arguments, `$iMqB` and `$GkzP` , and processes `$iMqB` which stores the final decoded payload.

Figure 9: PowerShell execution of embedded payload

The function initializes a byte array using a series of `.Replace()` functions to remove obfuscation markers, assigns the result to `$ySjh` , and finally leverages `[System.Reflection.Assembly]` to execute the decoded payload directly in memory.

We’ll dive into this payload further in the next section.

Windows registry injection

The final task of the script is injecting payloads into the Windows registry. In our case, the malware creates values under the `HKLM:\SOFTWARE\00hhhm` key as part of the `srh` function.

Figure 10: PowerShell execution – Windows registry injection

These registry values include `XftkNtIDKz` and `YvrtRvSWmsUlsKkNV` , which store AES and IV keys for decoding further payloads. These keys were also used to decode the initial payload that is reflectively loaded.

Additional keys were created – for example, the first key in “`HKU\S-1-5-21-...<SID>...-1001\Environment\onimaiuc` ” contained a copy of the malicious PowerShell code from `install.bat`.

The registry payload is stored in “`HKLM\SOFTWARE\00hhhm\NbPqJZCqG` ”, which is dynamically generated.

Figure 11: Log analysis – PowerShell and encrypted payloads injected into the Windows Registry

Similar to `install.bat`, the PowerShell executed from the registry reads in encrypted payloads in chunks, replaces certain characters, decrypts them, and executes via reflection.

Even stealthier persistence in Windows registry

The malware employs advanced techniques to hide in the Windows registry to evade detection by tools like `regedit`. We logged additional keys and values created at:

- `HKLM\SOFTWARE\$nya-d1164`
- `HKLM\SOFTWARE\$nya-d1132`
- `HKLM\SOFTWARE\$nya-config\paths\C:\Windows\system32\drivers\ACPIx86.sys`
- `HKLM\SOFTWARE\$nya-config\service_names\ACPIx86`
- `HKLM\SOFTWARE\$nya-config\pid\3499344`

However, when browsing regedit, the created key `$nya-d1164` did not exist!

This is achieved via rootkit functionality that manipulates visible system data. The malware likely employs API hooking, process injection, and registry tampering to achieve stealth and persistence.

For example, renaming the file with the PowerShell command `Rename-Item` makes hidden files visible because the filter is hardcoded to specific patterns.

Figure 12: Viewing hidden binary payloads in the registry

Such techniques are common in advanced malware and APT infections, where persistence and evasion are critical.

Execution is handled by calling Windows environmental variables – in this case, `%onimaiuc%` is defined, and when referenced in PowerShell, its registry content is executed.

Code execution from Windows registry

Execution happens as Windows processes environment variables. The malware stores malicious PowerShell code in `HKU<SID>\Environment\onimaiuc`. Windows loads these variables when a user logs in.

When a process references `%onimaiuc%`, it expands the stored registry content as a string. The malware ensures execution by using `Invoke-Expression $env:onimaiuc` or embedding it in another execution mechanism.

This method is stealthy because:

- It avoids writing a visible script to disk.
- Environment variables in `HKU<SID>\Environment` reload automatically at logon.
- It can be executed indirectly via scripts or scheduled tasks.

We can confirm execution by searching for instances of `Invoke-Expression $env:onimaiuc` or monitoring processes that retrieve the value of `%onimaiuc%`.

Figure 13: Testing for the presence of the `%onimaiuc%` environmental variable

Persistence through Scheduled Tasks (extreme stealth edition)

The malware maintains persistence by leveraging Windows scheduled tasks. It creates an XML configuration file “`$nya-qX6Pb164`” in `C:\Windows\System32\Tasks`.

The screenshot below shows the XML contents:

Figure 14: Screenshot of “`$nya-qX6Pb164`” scheduled task configuration

This task executes malicious PowerShell commands – the same script injected into the registry earlier. Let’s break down its key components.

Key Components of the Scheduled Task

- Trigger:
 - `<LogonTrigger>`: Execute at each user logon.
 - `<Enabled>true</Enabled>`: Task enabled upon logon.
- Execution Context & Privileges:
 - `<RunLevel>HighestAvailable</RunLevel>`: Runs with the highest available privileges.
 - `<GroupId>BUILTIN\Users</GroupId>`: In the current user’s context.
- Settings:
 - `<MultipleInstancesPolicy>IgnoreNew</MultipleInstancesPolicy>`: No new instance if already running.
 - `<StartWhenAvailable>true</StartWhenAvailable>`: Task runs if missed due to system off.

.NET API Calls

By examining API calls (e.g., in kernel32.dll), we gain insight into potential process manipulation, code injection, and evasion techniques.

Figure 18: .NET API calls

SetThreadContext and GetThreadContext: These functions modify or retrieve a thread's execution context, potentially redirecting execution flow.

GetProcAddress and LoadLibrary: These functions resolve DLL function addresses dynamically to evade static detection.

AddVectoredExceptionHandler: Registers an exception handler; malware may use it for anti-debugging or alternate execution flow.

Overall, the API calls suggest process manipulation, API obfuscation, and anti-analysis techniques.

AMSI bypass

Debugging Test.exe revealed several anti-debugging traps, including AMSI patching to bypass antivirus detections.

Figure 19: .NET AMSI bypass

AMSI (Antimalware Scan Interface) is designed to block malicious scripts. By patching amsi.dll (using techniques like "calli"), the malware bypasses these scans.

It achieves this by loading amsi.dll and using functions such as LoadLibrary and GetProcAddress to modify AMSI functions like AmsiScanBuffer.

This patch forces AMSI to always return a "clean" result, allowing malicious code to execute undetected.

Binary dynamic analysis (Test.exe/.NET assemblies)

Execution of the PowerShell script that reflectively loaded the binary payload (Test.exe) showed that the payload began beaoning immediately, connecting to 86.54.42[.]120 on port 4782 – a common port for open-source QuasarRAT.

Since QuasarRAT is written in CSharp, this aligns with our static analysis. Typically, such payloads are not obfuscated well; here, the threat actors took steps to make detection harder.

Final payload analysis (ACPIx86.sys)

As part of the attack chain, the .NET payload dropped a malicious file into `C:\Windows\System32\Drivers\` called `ACPIx86.sys`. This occurred concurrently with the creation of malicious registry keys (see "Windows registry injection").

Windows services for persistence

The malware registers and launches the malicious driver (`ACPIx86.sys`) as a Windows service. It writes entries under `HKLM\SOFTWARE\$nya-config\service_names\ACPIx86` and `HKLM\SOFTWARE\$nya-config\paths\C:\Windows\system32\drivers\ACPIx86.sys` mapping the driver file to a service name.

Additionally, by modifying `HKLM\SYSTEM\CurrentControlSet\Services\ACPIx86`, the service is configured with its location, startup type, and execution parameters. It can be started via standard API calls or the command `sc.exe start ACPIx86`.

Figure 20: Registry details for the ACPIx86 service

Dynamic execution in a controlled environment yielded limited results – likely due to anti-analysis techniques.

r77 Rootkit analysis

The rootkit used in OBSCURE#BAT appears to be a user-mode rootkit designed to manipulate Windows processes, files, and registry entries to remain hidden.

We identified it as r77 rootkit – an open-source ring-3 rootkit. According to its [Github page](#), it offers functionality including:

- Files, directories
- Processes & CPU/GPU usage
- Registry keys & values
- Services
- TCP & UDP connections
- Junctions, named pipes, scheduled tasks

By default, the r77 rootkit hides the “\$77” file prefix; here it has been modified to hide the “\$nya” prefix.

The binary payloads for the rootkit are stored in the registry under `HKLM\Software` as `$nya-d1132` and `$nya-d1164`. These DLLs get injected into the PowerShell process invoked by the batch script. Although elevated, the rootkit remains in user space.

Its tactics are similar to those seen in online projects like [Chaos-Rootkit](#) and [S12URootkit](#), which hide their own process IDs and files.

A user-mode rootkit operates in ring 3, avoids kernel modifications, and uses registry and scheduled tasks for persistence.

Key observations include:

1. Operates in user space (ring 3) via a hidden PowerShell process
2. Uses API hooking rather than kernel hooking
3. Relies on registry and scheduled tasks for persistence
4. Injects into system processes such as winlogon.exe, explorer.exe, or powershell.exe
5. No evidence of active driver installation in Ring 0
6. No modification of SSDT or IRP hooks detected
7. Being user-mode, it evades many traditional kernel-based security tools

We observed multiple stealth techniques to hide files, processes, scheduled tasks, and registry keys.

Figure 21: Rootkit hiding under process ID: 6692

Based on our analysis, the r77 rootkit exhibits the following behaviors (observed during dynamic analysis):

r77 Rootkit Capabilities:

- Process hiding: The malware hides its process from tasklist, Get-Process, and Task Manager, though Sysmon may still log its activity.
- Likely achieved via API hooking (e.g., `NtQuerySystemInformation`).
- May modify the System Process Information table to filter its own process ID.
- The malware registers active PIDs in the registry (`HKLM\SOFTWARE\$nya-config\pid`), possibly for tracking.
- File masking: Files matching `$nya-*` are hidden from Explorer, dir, and Get-Item. We verified this by renaming a file to `$xxx-` prefix.
- May hook into [NtQueryDirectoryFile](#) to filter file names.
- May manipulate NTFS metadata or redirect file queries.
- Registry tampering: Certain registry keys (`HKLM\SOFTWARE\$nya-config`) are hidden until specifically queried.
- Likely via API hooking in `advapi32.dll` intercepting `RegQueryValueEx` calls.
- Registry editors and standard queries cannot enumerate these keys due to selective filtering.
- Kernel interaction: The malware references a driver (`ACPIx86.sys`) in `C:\Windows\System32\Drivers`, executed as a service via registry modification.
- If the driver is loaded but hidden, kernel-mode techniques may be used.
- Could involve direct system calls to bypass user-mode detection.
- May leverage DKOM (Direct Kernel Object Manipulation) to alter process visibility.

Stealthy endpoint and user monitoring

The malware monitors user interactions such as clipboard activity and PowerShell logging. An encrypted binary file is created daily and saved in the “%APPDATA%\Roaming” directory, using the \$nya naming scheme, which causes the folder to be hidden from Explorer and command shells.

Figure 22: Files containing encrypted user data

Monitoring the r77 rootkit’s process via Procmon shows regular file writes and access to these date files, which are likely exfiltrated for decryption and analysis.

Wrapping up...

OBSCURE#BAT demonstrates a highly evasive attack chain, leveraging obfuscation, stealth techniques, and API hooking to persist on compromised systems while evading detection. From the initial execution of the obfuscated batch script (install.bat) to the creation of scheduled tasks and registry-stored scripts, the malware ensures persistence even after reboots. By injecting into critical system processes like winlogon.exe, it manipulates process behavior to further complicate detection.

The most alarming aspect is the user-mode rootkit functionality, which systematically hides files, processes, and registry keys matching the pattern (\$nya-). This requires deeper forensic and behavioral analysis to detect and neutralize.

Victimology and attribution

We believe the OBSCURE#BAT campaign primarily targets English-speaking individuals. All lure documents, file names, and websites are in English, and our analysis of the attacker’s infrastructure indicates a US base, with telemetry also from Canada, Germany, and the United Kingdom.

However, we cannot definitively state which country or threat group is responsible. Updates will be provided as more information emerges.

Securonix recommendations

- Maintain vigilance against social engineering, malvertising, and fake captcha scams that trick users into executing code.
- Always verify that software downloads come from legitimate websites.
- A legitimate captcha will never copy code to your clipboard and prompt execution.
- Be cautious with batch (.bat) files from unknown sources, as they are a common attack vector in phishing campaigns.
- Inspect batch files in a text editor before executing them.
- If infected, note that although the attacker may mask attribution, the original r77 rootkit author provides a remover or uninstaller.
- We strongly recommend deploying robust endpoint logging (e.g., Sysmon and PowerShell logging) for enhanced detection.
- Securonix customers can use the following hunting queries to scan endpoints.

MITRE ATT&CK Matrix

Tactics	Techniques
Initial Access	T1566.001: Phishing: Spearphishing Attachment
Command and Control	T1071.001: Application Layer Protocol: Web Protocols T1132: Data Encoding T1219: Remote Access Software

Defense Evasion	<p>T1014: Rootkit</p> <p>T1027: Obfuscated Files or Information</p> <p>T1027.010: Obfuscated Files or Information: Command Obfuscation</p> <p>T1036: Masquerading</p> <p>T1112: Modify Registry</p> <p>T1140: Deobfuscate/Decode Files or Information</p> <p>T1055: Process Injection</p> <p>T1620: Reflective Code Loading</p>
Execution	<p>T1059.001: Command and Scripting Interpreter: PowerShell</p> <p>T1059.003: Command and Scripting Interpreter: Windows Command Shell</p> <p>T1204.002: User Execution: Malicious File</p>
Exfiltration	<p>T1102: Web Service</p>
Persistence	<p>T1053.005: Scheduled Task/Job: Scheduled Task</p>
Resource Development	<p>T1583.001: Acquire Infrastructure: Domains</p> <p>T1583.008: Acquire Infrastructure: Malvertising</p>

Relevant Securonix detections

- EDR-ALL-1084-ERR
- EDR-ALL-1282-RU
- EDR-ALL-1123-RU
- WEL-ALL-1206-RU

Relevant hunting queries

(remove square brackets “[]” for IP addresses or URLs)

- index = activity AND rg_functionality = “Next Generation Firewall” AND destinationaddress IN (“88.222.244[.]187,150.171.28[.]10,195.211.190[.]61,147.185.221[.]24,138.197.66[.]62,185.128.227[.]28,195.211.190[.]61,100.28.201[.]15
- index = activity AND rg_functionality = “Endpoint Management Systems” AND (deviceaction = “File created” OR deviceaction = “File created (rule: FileCreate)”) AND TargetFileName CONTAINS “\$nya-“
- index = activity AND rg_functionality = “Microsoft Windows” AND baseeventid = “4698” AND CommandLine CONTAINS “\$nya-“
- index = activity AND rg_functionality = “Endpoint Management Systems” AND (deviceaction = “Process Create” OR deviceaction = “Process Create (rule: ProcessCreate)” OR deviceaction = “ProcessRollup2” OR deviceaction = “Procstart” OR deviceaction = “Process” OR deviceaction = “Trace Executed Process”) AND childprocesscommandline CONTAINS “\$nya-“
- index = activity AND rg_functionality = “Endpoint Management Systems” AND transactionstring5 = “SetValue” AND customstring47 CONTAINS “\$nya-“

C2 and infrastructure

C2 Address

```
hxxps://eloquent-chebakia-e2667a.netlify[.]japp
hxxps://dashing-cassata-b94dd5.netlify[.]japp
hxxp://45.88.186[.]1152:55553
hxxps://klck[.]jai
hxxps://kick[.]jam
hxxp://klck[.]pw
hxxps://twitch.co[.]com
hxxps://twltch[.]lol
hxxp://twitch[.]cx
hxxps://twitch.co[.]com
hxxps://twitch[.]team
hxxps://twltch[.]juno
hxxps://rumble[.]tube
hxxps://pnwthrive[.]com
hxxp://cooinbase[.]net
hxxp://tiktoklive[.]studio
hxxp://secure-login-bing[.]com
hxxp://char0nbaby[.]online
hxxp://hyqyj[.]xyz
hxxp://smallmonster[.]net
*.gl.at.ply[.]gg
88.222.244[.]187
150.171.28[.]110
195.211.190[.]61
147.185.221[.]24
138.197.66[.]62
185.128.227[.]28
195.211.190[.]61
100.28.201[.]155
37.114.46[.]25
```

Analyzed files/hashes

File Name	SHA256
sip.zip	E33E05D3182F46F65554FDA2127D9D1D415A986B6C635485B323558A1821F56A
Eternal2.6.zip	5F7EE1C0FDB813FCF6D8A8E136940AD570BF544B1263C03D288A5EF1B90CF0F3
eternaltool-main.zip	E5386DB097DFC6BD1ACDE5302BC4B22309F151A478604713000BEDB77484881D

Darius SS-2.rar	43CC98694575DEF427DD2ADFB9FCB5E7018AEDCDA525B5E5F5877E3FD02775BE
Darius1378910 project executor-1.rar	BE725B2992385BDCBCF54C995EC1807275B761A019645F707498C958B36346AD
Test.exe (.NET assemblies)	<p>FF17477903ED742A4981F67515F1065689063703F86E0D38A1385E7B998084C5</p> <p>3367442F903D854AEE965023734F25BFB4BCA6C852D29DCB5774B9E64707FF4B</p> <p>47B28D3D1AB89E207F7D634B53622960931431DCBF73FC26875659A0C20BD70D</p> <p>504CC73800ED86C7627234A1D092EFA14ABCEA667AA084191E34FFF2A3EDC167</p> <p>53D2B22B91F39305B436A08EF9280D4A8FA3BD038D834B1ABEADB792F8E086A1</p> <p>844BE559DEBDDEC75F460FAA912490DAB6EA400FE325E59B91DF250C1E1AD4FC</p> <p>FB46FF16BF658AEB5F3A19559AE6AFC10DD2AE108B8AE23457011D6DC5A4B560</p> <p>F553759453259559CE7C4321898E83C9A3BDDDD14758AECBD1567634CA4EA8D86</p> <p>F3B652503B20261B2F83D43EFC1CC20C655B68A339805714DD95ED14F659D4BE</p> <p>F180A6E4A5EC5B6EAF82C2BB31FF041A66699387483E9EB489613DBC1BACFE1B</p> <p>EDDAD50D490349749C5104C3394FAE49DFD6E9070BA0000C139DD8E24E2A06BA</p> <p>EA0DBC5CA8E96D8940337C5D19574498A4B398847049E62AF14F1D98346638B2</p> <p>E4CCE18562FDDC70C71A8969141C56ADEB56032196F05E10524374C1EB398D7D</p> <p>E2864BD791DF7E060B43598F04BE86C839E9907A1FA9C3614205B5139542D8C1</p> <p>DCBC1A43E1EE9D4C4C5A426CE862B151973545111F69F5B1C036E46E801ACC82</p> <p>DB82442D83C116211531F104B77ADC5C45CF531315CAFBD8F6E1F9C5DEC6C0D4</p> <p>D92C28680AF30136DFD52852EDDC07E5197AFE039D84F5B2255B14AE8E15AC02</p> <p>C08D8E742A34E9DC610ED5276E5CD0DCAD4F6139A03DDA07D9292D50FFD47D39</p> <p>BE4FADB015D35092F3EE59938A3E68C671DE8C075F04E90FD819B61C383D4501</p> <p>9B8CAE953C8F3DCB8E9E09D387D217FEA8FDF07C5E3001813A26D83AF7FCB4CC</p> <p>8F2541E5C425E6353BA1170079B238632ACB21498415861C1FD27A8615A86336</p> <p>879B9BA401A3B8B580980EA31050A35DD849AD3B6E00338CB81D106BBC02963F</p> <p>7E658C7C9A1BE6EBD7AF0150FA6FA289D59822B4E771167E13BEDE5C9A622448</p> <p>7C2A3A41217DA8A2A7D4B72BB5F0C5F45E2B7C6518526101F64B534070651DFC</p> <p>794D1FF3B3FE275B49138F82B0CC597C35E1FC0A91BE3136729598D97F1086FF</p> <p>72C5F9A11F126B4D1B79AC81BD03787622F2109560CEEFA762EA0C3A9E1A5E7B</p> <p>5F75A50AE9F6252D1F0F135726F4A605F4148EE36C9D36C4B2D3FA6404E03B10</p> <p>5322F5EEB9E789FE63A89CE7852C24593B8B2B6233D855A1646116C14BB8E88E</p> <p>40F0A201E85E6CF32C48A0CFC496A55A4BB87E8C13174E6C583DE9BF7ED70590</p> <p>3E88E710043B3CC9BF1AF3B373828E9EF023ABA5D697A82A9A568AE9E45CC544</p> <p>346EC63BDDAD6B1889D6647ED43DCD71432F687BA8642B726AC67F08E415D77E</p> <p>30A17C5C65FE87D961AEA290E97E8AA09A03C20D257E22D8AC63F5A7B67C0C6B</p> <p>2DA6D8FA510E66AE79BAB6B12849B123BB9B88D23DE3B0B383E7F48F9E9CFF69</p> <p>2BC694A9A6FC03043472F6FB88D3EEDA31722FACF5659AA7EDDB13C29A8FB754</p>

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install.bat	C9AA237A2A30B901D52D0074731B5AC57F70322F1FDE81F6794588C17D6BB268
Loader.bat	612FBFEBFDCC12D6EAA20F22835A1A360A747C043AE1058070D4A71EF20A59DA
downloaded_file.bat	0877653F6A24639BB02B547C94F670597C3C0CD96DF910A2AC891EAEAA9CC5F3
chiani.bat	159057BA35F3454424A4901866DE6DE286BD11715E975D4D124D33B2E83055C7
TorServer.bat	28BDD3E3C182A8E9A5082A4677DF2F2116C8973D4ECDAE023CF9FD3489B9F012
AdobeUpdate.bat	7C684A112461478A8ED1F3885628D0235BC20081C11C55FF96CC98454E096944
nouaconi.bat	2ACD42AD45F8DBB3866B537E6135672DAA48921EB00668B657243B666991C4AD
oni.bat	625E590FD62A1C8B4C85BC9F551188DE0627C5D43B234408CE57139F4EA0B7C0
uacbypassv1.bat	160165D2E7F332B29B5980C27C044DE2804552469EC70458DF6E77DFD254765E
CVerify.bat	<p>B6B68CDAC6CDB3956DC8B7C11454E4F493FBD9157F902FFD2539545D6F7315C7 62F035A79382BF50E9959FCB272C19D5AAC64A7409DEEBF7C8E9B597F3954DB4 B2528CB39295490B53428A98FEFAFDE2D5F32C957B268F528B66756AD8AB6896 E3B0C44298FC1C149AFBF4C8996FB92427AE41E4649B934CA495991B7852B855 431435E3A7A8E38458CD2A2C1E97C6B3AEC993E9DFC3DE5CC665AC57C21BF528 A79E4199BA0DAC6948DEA075C26CEC05DE18D3217A25000A3C7A0FCB45BA1B02 1BB63CB3D89389F426F4CB5350E38FBD0C49CE1851F6311C5E5D246200F29DE8</p>
cloudflare.bat	96AA71F70D16E2784488FAD332AC65287F33D059CDE4CD2858B0DAB85340BA0D
newest.bat	C1D0981485F8AFE96D8C0CE85CB9888C96418387B8C43103B113BA283F8C59D
Mous Fix.bat	C7D9A5FFA94EECFBF5C22781750E404C6E50BA12459E3071670783598839CFDF

repair.bat	CF3F8D4D3EE1A8EFF414A221767EDE4C73424BB62D6A090AD3F65EA55FF22FA4
sus_bat.bat	D4B46254B03F3800038CC93F226BC7B5897C34FCAC0D16210F45731B57D4F86A
32ram1.2.bat	DD0396754DF3ACA8A482242EEBFA92DB7433781EBDD679507E329E34D4065C98
img.bat	04DBC65A0EC0A3D95AECE8161816352A22CE74C19FCD002F631879E990C2D468
Eternal2.6.bat	FC6A52FA9D578565E4B6C47BE3A4F0358A01ACE3ED601C0EB88E46DD88203EBF
Loli.bat	6CD9BDC704701AB3618BE8546E471F335431929A96D10BC59F66872B144770CE
Darius1378910 Project SS.bat	9BA76C05333A17C734B4B6174E68222F689F298EF48FE5DD03D25DA7E01904F5
Bootstrapper.bat	F6E19E1C17291B9B4B2436D561D8373CF8A18841B5C4393205845BCC6BA31616
test.bat	9B7CFE2A7F46AAD42C8AEB5FCB668F2286B24FCD0241AD7C1B1B3D00856C2B18
Java_installer.bat	903391CC79136EB1EFDCA469686B96FD04FAF257D87796DDE594C500AB226150
install_apache.bat python_installer.bat	7F970EE9B2FEF5C77DB4CDB7FE536377E165E056AA056299624A224EF8E0CBA9
installer.bat	C4DF50417827B20CAFC1E724948D576CD1B90636E5D68D577856824CB9CEB328
ChatGPT+.bat	8713DD146895B8262E5096E49399DBDF4DC796D37A532912C0EBBB46DE059EAF
share.bat	EFC09D4380483145573AC4F1A2B4FE308E9BD4378BFFBC44EFD00739D2E055A7
uacbypassv1.bat	160165D2E7F332B29B5980C27C044DE2804552469EC70458DF6E77DFD254765E
uacbypassoff3925.bat	F3D48BB2DC545F0864D8B85D93AEA9C2B9A55F0FC9C7435F1DEE000802A261DA
uacon31025.bat	53B9C02EE582BF97385BEB39EE140C49F73C557CCECF3BF44C795899083A3519
AsyncClient.exe	5906FE2B69A5874697B84882DF732F77DD3160221D0746F9688E9AA9B8E0AF31
autoruns.exe	F41051697B220757F3612ECD00749B952CE7BCAADD9DC782D79EF0338E45C3B6
DefenderUpdate.exe	C7BDCEBE60356900DC4B4F8BC8B75ACC1536DF33AE7A1049BFA27192B8C62D0A
qexplorer32.exe	48B7AAE41C1F229DADD80E7635A142175CBA75D03D54F08952269720C5F2735B
rem_edge.exe	E0C27D9A377E5F18AE850D1D0EF1D69934934CABDB95172E21FE0E36807243C8
rem_edgenv6.exe	BDE4436AAC1E27FE22B134CADC1E19DD954D350A5619C3593EFAC659AB1BBEFD
\$nya-qX6Pb164	0ABECC48522A2AA66C798E817F0412DC71DF2875B8908255208642FE019AB9D3
nya-dll32.dll	1BAD202E452B1D1F8B365E946C446F889B2479A6198A17A3DEA1D6A4E5D12052
nya-dll64.dll	8004DF38975733770A7E2A0C71D284BC3439EB7EE74077F950AD7C0BAF2512AA

References:

1. When a Quasar Remote Access Tool Falls Into the Wrong Hands <https://darktrace.com/blog/quasar-remote-access-tool-when-a-legitimate-admin-tool-falls-into-the-wrong-hands>
2. What is Malvertising? <https://www.crowdstrike.com/en-us/cybersecurity-101/malware/malvertising/>

[a] Change to paragraphs