Deep Discovery Analyzer

Virtual Analyzer Report

Submission Context

Logged	2021-04-24 14:34:19
Submitter	Manual Submission
Type	ZIP archive

Analysis Overview

Overall risk level	High risk	The object exhibited highly suspicious characteristics that are commonly associated with malware.	
Detections	TrojanSpy.MSIL.COINS.USMANDH21		
Exploited vulnerabilities	-		
Analyzed objects	ZIP archive	1 - P.O-15-04-2021_000000008.zip	AEBC4EEC365CA3CB28F907080EC6EA305226AD50
	MSIL Portable executable	1.1 - P.O-15-04-2021_000000008.exe	0953E4347A48B8517EEA9A24A0F7F303CB472DD6

Analysis Environments

	CentOS w Docker	W7	W10
Anti-security, self-preservation		✓	✓
Autostart or other system reconfiguration			✓
Deception, social engineering			
File drop, download, sharing, or replication			✓
Hijack, redirection, or data theft		✓	✓
Malformed, defective, or with known malware traits	✓	✓	✓
Process, service, or memory object change		✓	✓
Rootkit, cloaking			
Suspicious network or messaging activity			

CentOS w Docker

Environment-specific risk level	High risk The object exhibited highly suspicious characteristics that are commonly associated with malware.
Detections	TrojanSpy.MSIL.COINS.USMANDH21
Exploited vulnerabilities	-
Network connection	Custom

Object 1 - P.O-15-04-2021_000000008.zip (ZIP archive)

File name	P.O-15-04-2021_000000008.zip
File type	ZIP archive
SHA-1	AEBC4EEC365CA3CB28F907080EC6EA305226AD50
SHA-256	0F3024E78C88A2579BE5663B4A6EE05E60A318E5798B35C90AF843035FA10422
MD5	FD1B2B09B7635D94162FE4D0BD275EEB
Size	649117 byte(s)

Risk Level	Unrated
Detection	-
Exploited vulnerabilities	-

Object 1.1 - P.O-15-04-2021_000000008.exe (MSIL Portable executable)

File name	P.O-15-04-2021_000000008.exe
File type	MSIL Portable executable
SHA-1	0953E4347A48B8517EEA9A24A0F7F303CB472DD6
SHA-256	8241D17135D91ED4122B969F3F0FBA64D2DB7C23B758FD69AD275DAD740224FC
MD5	8F29A574B608D4EDD014AA5B6C072222
Size	1008128 byte(s)

Risk Level	High risk
Detection	TrojanSpy.MSIL.COINS.USMANDH21
Exploited vulnerabilities	-
Threat Characteristics	Malformed, defective, or with known malware traits (1)

Notable Threat Characteristics

Malformed, defective, or with known malware traits (1)

Characteristic	Significance	Details
Detected as known malware	■■■	Source: ATSE Detection Name: TrojanSpy.MSIL.COINS.USMANDH21 Engine Version: 12.500.1008 Malware Pattern Version: 16.675.92

Suspicious Objects

Type	Object	Risk Level
File (SHA1)	0953E4347A48B8517EEA9A24A0F7F303CB472DD6	High

Analysis

Event Type	Details	Parent PID	PID
Detection	Threat Characteristic: Detected as known malware Source: ATSE Detection Name: TrojanSpy.MSIL.COINS.USMANDH21 Engine Version: 12.500.1008 Malware Pattern Version: 16.675.92		

W7

Environment-specific risk level	High risk The object exhibited highly suspicious characteristics that are commonly associated with malware.
Detections	TrojanSpy.MSIL.COINS.USMANDH21
Exploited vulnerabilities	-
Network connection	Custom

Object 1 - P.O-15-04-2021_000000008.zip (ZIP archive)

File name	P.O-15-04-2021_000000008.zip
File type	ZIP archive
SHA-1	AEBC4EEC365CA3CB28F907080EC6EA305226AD50
SHA-256	0F3024E78C88A2579BE5663B4A6EE05E60A318E5798B35C90AF843035FA10422
MD5	FD1B2B09B7635D94162FE4D0BD275EEB
Size	649117 byte(s)

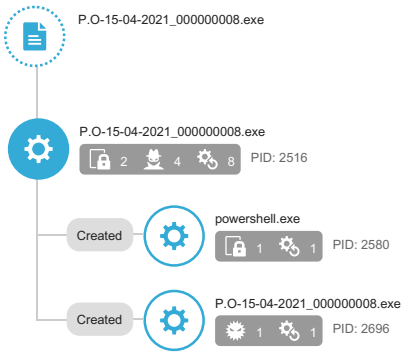
Risk Level	Unrated
Detection	-
Exploited vulnerabilities	-

Object 1.1 - P.O-15-04-2021_000000008.exe (MSIL Portable executable)

File name	P.O-15-04-2021_000000008.exe
File type	MSIL Portable executable
SHA-1	0953E4347A48B8517EEA9A24A0F7F303CB472DD6
SHA-256	8241D17135D91ED4122B969F3F0FBA64D2DB7C23B758FD69AD275DAD740224FC
MD5	8F29A574B608D4EDD014AA5B6C072222
Size	1008128 byte(s)

Risk Level	High risk
Detection	TrojanSpy.MSIL.COINS.USMANDH21
Exploited vulnerabilities	-
Threat Characteristics	Anti-security, self-preservation (6) Hijack, redirection, or data theft (4) Malformed, defective, or with known malware traits (3) Process, service, or memory object change (10)

Process Graph



Process Graph Legend

MITRE ATT&CK™ Framework Tactics and Techniques

Tactics	Techniques	Notable Threat Characteristics
Execution	Windows Management Instrumentation	Characteristics: 1, 2, 3, 4
	PowerShell	Characteristics: 1
	Execution through API	Characteristics: 1
Privilege Escalation	Process Injection	Characteristics: 1, 2 Characteristics: 1, 2
Defense Evasion	Software Packing	Characteristics: 1
	Process Injection	Characteristics: 1, 2 Characteristics: 1, 2
	Process Hollowing	Characteristics: 1
Discovery	Process Discovery	Characteristics: 1, 2
	System Information Discovery	Characteristics: 1, 2, 3, 4

Notable Threat Characteristics

Anti-security, self-preservation (6)

Characteristic	Significance	Details
Attempts to detect active running processes	■□□	Process ID: 2580 Info: enum processes
Attempts to detect active running processes	■□□	Process ID: 2516 Info: enum processes
Attempts to detect sandbox application modules	■□□	Process ID: 2516 Module: SbieDll.dll
Attempts to detect sandbox characteristics	■□□	Sample attempted to detect sandbox using the following registry item: [SOFTWARE\VMware, Inc.\VMware Tools\]
Attempts to detect sandbox characteristics	■□□	Sample attempted to detect sandbox using the following registry item: [SOFTWARE\Oracle\VirtualBox Guest Additions\]
Uses suspicious packer	■□□	File Name: %WorkingDir%\P.O-15-04-2021_000000008.exe Packer: UNKNOWN

▼ Hijack, redirection, or data theft (4)

Characteristic	Significance	Details
Executes commands or uses API to obtain system information	■□□	Process ID: 2516 Info: Obtains Description from API result
Executes commands or uses API to obtain system information	■□□	Process ID: 2516 Info: Obtains __PATH from API result
Executes commands or uses API to obtain system information	■□□	Process ID: 2516 Info: Obtains __GENUS from API result
Executes commands or uses API to obtain system information	■□□	Process ID: 2516 Info: Obtains Win32_VideoController from API result

▼ Malformed, defective, or with known malware traits (3)

Characteristic	Significance	Details
Causes process to crash	■□□	Process ID: 2696 Image Path: P.O-15-04-2021_000000008.exe
Detected as known malware	■■■	Source: ATSE Detection Name: TrojanSpy.MSIL.COINS.USMANDH21 Engine Version: 12.500.1008 Malware Pattern Version: 16.675.92
Rare executable file	■□□	Global Detections: 0

▼ Process, service, or memory object change (10)

Characteristic	Significance	Details
Creates process	■□□	Process ID: 2696 Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe
Creates process	■□□	Process ID: 2516 Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe Shell Command:
Resides in memory to evade detection	■■□	Injecting Process ID: 2516 Injected API: WriteProcessMemory Target Process ID: 2696 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe
Resides in memory to evade detection	■■□	Injecting Process ID: 2516 Injected API: SetThreadContext Target Process ID: 2696 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe
Resides in memory to evade detection	■■□	Injecting Process ID: 2516 Target Process ID: 2696 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe Injected Address: 0x0
Resides in memory to evade detection	■■□	Injecting Process ID: 2516 Target Process ID: 2696 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe Injected Content:
Resides in memory to evade detection	■■□	Injecting Process ID: 2516 Target Process ID: 2696 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe Injected Content: .u.
Resides in memory to evade detection	■□□	Injecting Process ID: 2516 Target Process ID: 2696 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe Injected Content: MZ.
Injects memory with dropped files	■□□	Injecting Process ID: 2516 Target Process ID: 2696 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe File: MZ.
Creates process in system directory	■□□	Process ID: 2580 Image Path: %windir%\System32\WindowsPowerShell\v1.0\powershell.exe Add-MpPreference -ExclusionPath %WorkingDir%\P.O-15-04-2021_000000008.exe

▼ Network Destinations

Domain	IP Address	Port	Location	Risk Level	Threat	Accessed By
iecvlist.microsoft.com	152.199.19.161	53	-	No risk	-	P.O-15-04-2021_000000008.exe
ie9cvlist.ie.microsoft.com	152.199.19.161	53	-	No risk	-	P.O-15-04-2021_000000008.exe
iecvlist.microsoft.com	152.199.19.161	443	-	-	-	P.O-15-04-2021_000000008.exe
iecvlist.microsoft.com	152.199.19.161	80	-	-	-	P.O-15-04-2021_000000008.exe

URL	Site Category	Risk Level	Threat	Accessed By
http://ie9cvlist.ie.microsoft.com/IE9CompatViewList.xml	Business / Economy Computers / Internet Cloud Applications	No risk	-	P.O-15-04-2021_000000008.exe

Dropped or Downloaded Files

File	Risk Level	Threat	Threat Characteristics	Source URL	Size (bytes)	SHA-1
d93f411851d7c929.customDestinations-ms	No risk	-	-	-	8016	777F65D3F13C475B78A63CBFE7C37650EBFC8A2D
d93f411851d7c929.customDestinations-ms~RF1d071f.TMP	No risk	-	-	-	8016	E8FEC2936251809B10A7D035E842FA074562114B
60LLP70FCTMFHMTG6WTM.temp	No risk	-	-	-	8016	777F65D3F13C475B78A63CBFE7C37650EBFC8A2D

Suspicious Objects

Type	Object	Risk Level
File (SHA1)	0953E4347A48B8517EEA9A24A0F7F303CB472DD6	High

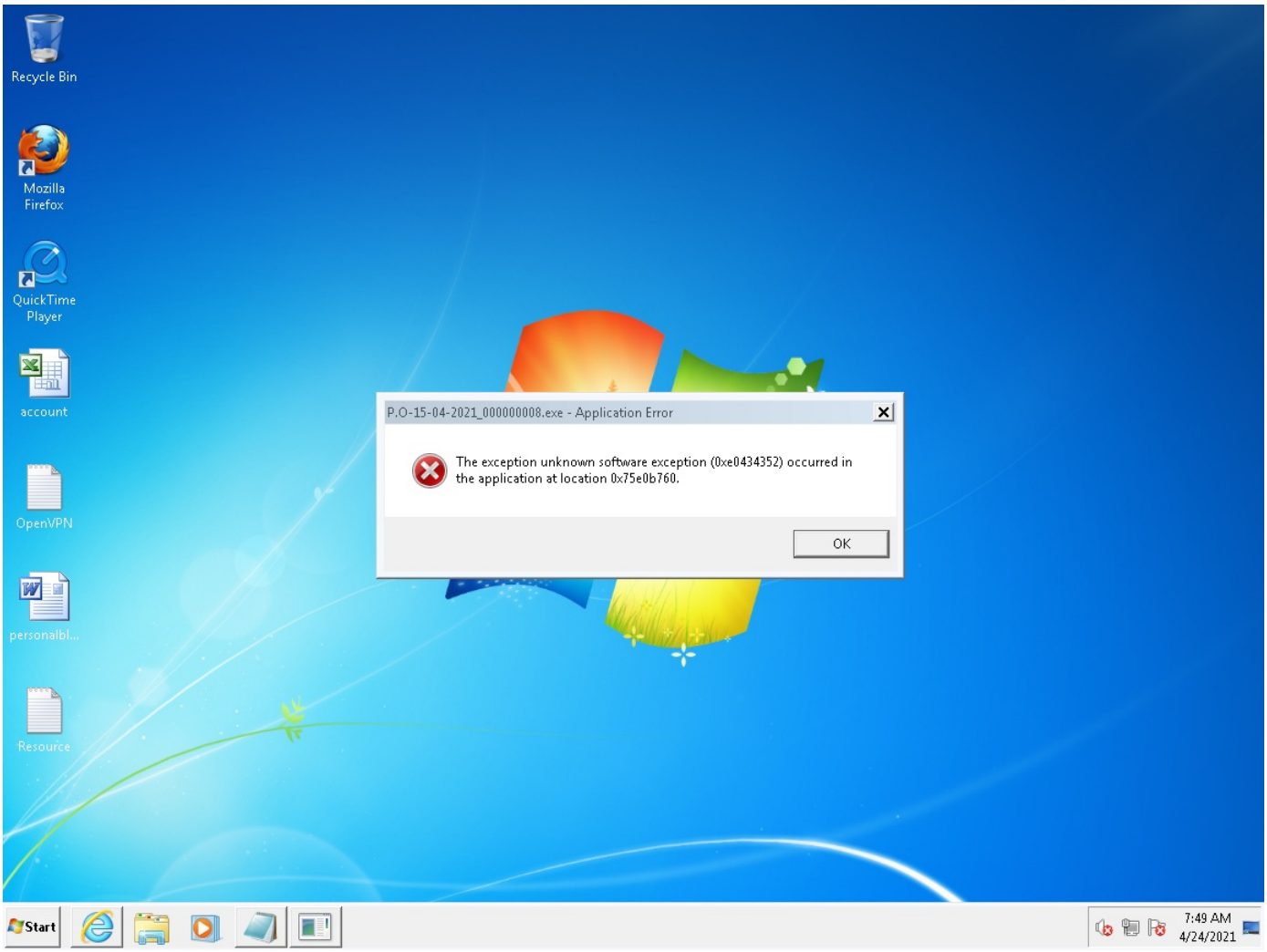
Analysis

Event Type	Details	Parent PID	PID
Detection	Threat Characteristic: Detected as known malware Source: ATSE Detection Name: TrojanSpy.MSIL.COINS.USMANDH21 Engine Version: 12.500.1008 Malware Pattern Version: 16.675.92		
Detection	Threat Characteristic: Rare executable file Global Detections: 0		
Detection	Threat Characteristic: Uses suspicious packer File Name: %WorkingDir%\P.O-15-04-2021_000000008.exe Packer: UNKNOWN		
Call System API	API Name: CryptExportKey Args: (323e10, 0, 6, 0, 0, 16cb08) Return: 1		2516
Call System API	API Name: System.Reflection.Assembly::Load Args: (4D5A9000...) Return: 0		2516
Call System API	API Name: System.Reflection.Assembly::Load Args: (4D5A9000...) Return: 0		2516
Call System API	API Name: System.Runtime.InteropServices.Marshal::Copy Args: (0000000000000000, 0, 84607352, 8) Return: 0		2516
Call System API	API Name: System.Runtime.InteropServices.Marshal::Copy Args: (0000000000000000, 0, 84607392, 8) Return: 0		2516
Call System API	API Name: System.Runtime.InteropServices.Marshal::Copy Args: (0000000000000000, 0, 84607432, 8) Return: 0		2516
Call System API	API Name: EnumProcesses Args: () Return: 1		2516
Detection	Threat Characteristic: Attempts to detect active running processes Process ID: 2516 Info: enum processes		
Call Thread API	API Name: NtResumeThread Args: (Process:2580,) Return: ?		2516
Call System API	API Name: evtchann.SendEvent Args: (e), pid[2580], ppid[2516) Return: 1		2516
Call Process API	API Name: CreateProcessW Args: (%windir%\System32\WindowsPowerShell\v1.0\powershell.exe, "%windir%\System32\WindowsPowerShell\v1.0\powershell.exe" Add-MpPreference -ExclusionPath "%WorkingDir%\P.O-15-04-2021_000000008.exe", , , , , , %WorkingDir%, SW_HIDE, Process:2580:%windir%\System32\WindowsPowerShell\v1.0\powershell.exe) Return: 1		2516
Read Registry Key	Key: SOFTWARE\Oracle\VirtualBox Guest Additions\ Value: None		2516
Detection	Threat Characteristic: Attempts to detect sandbox characteristics Sample attempted to detect sandbox using the following registry item: [SOFTWARE\Oracle\VirtualBox Guest Additions\]		
Read Registry Key	Key: SOFTWARE\VMware, Inc.\VMware Tools\ Value: None		2516
Detection	Threat Characteristic: Attempts to detect sandbox characteristics Sample attempted to detect sandbox using the following registry item: [SOFTWARE\VMware, Inc.\VMware Tools\]		
Call WMI API	API Name: IWbemLevel1Login::NTLMLogin Args: (\\.\ROOT\cimv2, en-US,en, 0, 0, 8b6edec) Return: 0		2516
Call WMI API	API Name: IWbemLocator::ConnectServer Args: (\\.\ROOT\cimv2, NULL, NULL, , 80, , 0, 8b6edec) Return: 0		2516
Call WMI API	API Name: IWbemServices::ExecQuery Args: (WQL, SELECT * FROM Win32_VideoController, 10, 0, 16c984) Return: 0		2516
Detection	Threat Characteristic: Executes commands or uses API to obtain system information Process ID: 2516 Info: Obtains Win32_VideoController from API result		
Detection	Threat Characteristic: Creates process in system directory Process ID: 2580 Image Path: %windir%\System32\WindowsPowerShell\v1.0\powershell.exe Add-MpPreference -ExclusionPath %WorkingDir%\P.O-15-04-2021_000000008.exe		
Call WMI API	API Name: Win32_VideoController::Get Args: (__GENUS, 0, 2, 3, 64) Return: 0		2516
Detection	Threat Characteristic: Executes commands or uses API to obtain system information Process ID: 2516 Info: Obtains __GENUS from API result		
Call WMI API	API Name: Win32_VideoController::Get Args: (__PATH, 0, \\Win-Magnus\ROOT\cimv2:Win32_VideoController.DeviceID="VideoController1", 8, 64) Return: 0		2516
Detection	Threat Characteristic: Executes commands or uses API to obtain system information Process ID: 2516 Info: Obtains __PATH from API result		
Write Registry Key	Key: HKEY_CURRENT_USER\SOFTWARE\Classes\Local Settings\MuiCache\46\52C64B7E\LanguageList Value: en-US\0en\0	2516	2580
Call Internet Helper API	API Name: NetShareEnum Args: (, 503, 727b0250, -1, 15e7f0, 15e7ec, 0) Return: 0	2516	2580
Call System API	API Name: PathFileExistsW Args: (%APPDATA%\Microsoft\Windows\Recent\CustomDestinations\d93f411851d7c929.customDestinations-ms) Return: 1	2516	2580
Call Filesystem API	API Name: DeleteFileW Args: (%APPDATA%\Microsoft\Windows\Recent\CustomDestinations\d93f411851d7c929.customDestinations-ms~RF1d071f.TMP) Return: 1	2516	2580
Add File	Path: %APPDATA%\Microsoft\Windows\Recent\CustomDestinations\60LLP70FCTMFHMTG6WTM.temp Type: VSDT_COM_DOS	2516	2580
Write File	Path: %APPDATA%\Microsoft\Windows\Recent\CustomDestinations\60LLP70FCTMFHMTG6WTM.temp Type: VSDT_COM_DOS	2516	2580
Add File	Path: %APPDATA%\Microsoft\Windows\Recent\CustomDestinations\d93f411851d7c929.customDestinations-ms~RF1d071f.TMP Type: VSDT_EMPTY	2516	2580

Add File	Path: %APPDATA%\Microsoft\Windows\Recent\CustomDestinations\d93f411851d7c929.customDestinations-ms~RF1d071f.TMP Type: VSDT_COM_DOS	2516	2580
Add File	Path: %APPDATA%\Microsoft\Windows\Recent\CustomDestinations\d93f411851d7c929.customDestinations-ms Type: VSDT_COM_DOS	2516	2580
Delete File	Path: %APPDATA%\Microsoft\Windows\Recent\CustomDestinations\d93f411851d7c929.customDestinations-ms~RF1d071f.TMP Type: VSDT_COM_DOS	2516	2580
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Standard VGA Graphics Adapter, 8, 0) Return: 0		2516
Detection	Threat Characteristic: Executes commands or uses API to obtain system information Process ID: 2516 Info: Obtains Description from API result		
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Standard VGA Graphics Adapter, 8, 0) Return: 0		2516
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Standard VGA Graphics Adapter, 8, 0) Return: 0		2516
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Standard VGA Graphics Adapter, 8, 0) Return: 0		2516
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Standard VGA Graphics Adapter, 8, 0) Return: 0		2516
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Standard VGA Graphics Adapter, 8, 0) Return: 0		2516
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Standard VGA Graphics Adapter, 8, 0) Return: 0		2516
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Standard VGA Graphics Adapter, 8, 0) Return: 0		2516
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Standard VGA Graphics Adapter, 8, 0) Return: 0		2516
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Standard VGA Graphics Adapter, 8, 0) Return: 0		2516
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Standard VGA Graphics Adapter, 8, 0) Return: 0		2516
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Standard VGA Graphics Adapter, 8, 0) Return: 0		2516
Call System API	API Name: GetModuleHandleA Args: (SbieDll.dll) Return: 0		2516
Detection	Threat Characteristic: Attempts to detect sandbox application modules Process ID: 2516 Module: SbieDll.dll		
Call Process API	API Name: CreateProcessW Args: (%WorkingDir%\P.O-15-04-2021_000000008.exe, , , , , CREATE_SUSPENDED, , , , Process:2696:%WorkingDir%\P.O-1 5-04-2021_000000008.exe) Return: 1		2516
Detection	Threat Characteristic: Resides in memory to evade detection Injecting Process ID: 2516 Injected API: WriteProcessMemory Target Process ID: 2696 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe		
Detection	Threat Characteristic: Creates process Process ID: 2516 Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe Shell Command:		
Call Virtual Memory API	API Name: WriteProcessMemory Args: (Process Name:2696:%WorkingDir%\P.O-15-04-2021_000000008.exe, 400000, MZ., 512, 16cdb4) Return: 1		2516
Detection	Threat Characteristic: Resides in memory to evade detection Injecting Process ID: 2516 Target Process ID: 2696 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe Injected Content: MZ.		
Detection	Threat Characteristic: Injects memory with dropped files Injecting Process ID: 2516 Target Process ID: 2696 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe File: MZ.		
Call Virtual Memory API	API Name: WriteProcessMemory Args: (Process Name:2696:%WorkingDir%\P.O-15-04-2021_000000008.exe, 402000, .u., 219136, 16cdb4) Return: 1		2516
Detection	Threat Characteristic: Resides in memory to evade detection Injecting Process ID: 2516 Target Process ID: 2696 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe Injected Content: .u.		
Call Virtual Memory API	API Name: WriteProcessMemory Args: (Process Name:2696:%WorkingDir%\P.O-15-04-2021_000000008.exe, 438000, , 1024, 16cdb4) Return: 1		2516
Detection	Threat Characteristic: Resides in memory to evade detection Injecting Process ID: 2516 Target Process ID: 2696 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe Injected Content:		
Call Virtual Memory API	API Name: WriteProcessMemory Args: (Process Name:2696:%WorkingDir%\P.O-15-04-2021_000000008.exe, 43a000, , 512, 16cdb4) Return: 1		2516
Call Virtual Memory API	API Name: WriteProcessMemory Args: (Modify PEB 7ffd9000 Process:2696:%WorkingDir%\P.O-15-04-2021_000000008.exe, 7ffd9008, , 4, 16cdb4) Return: 1		2516
Detection	Threat Characteristic: Resides in memory to evade detection Injecting Process ID: 2516 Target Process ID: 2696 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe Injected Address: 0x0		
Call Thread API	API Name: SetThreadContext Args: (Process Name:2696:%WorkingDir%\P.O-15-04-2021_000000008.exe) Return: 1		2516
Detection	Threat Characteristic: Resides in memory to evade detection Injecting Process ID: 2516 Injected API: SetThreadContext Target Process ID: 2696 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe		
Call Thread API	API Name: NtResumeThread Args: (Process:2696,) Return: ?		2516
Call System API	API Name: evtchann.SendEvent Args: (e), pid[2696], ppid[2516) Return: 1		2516
Call Systeminfo API	API Name: NtQuerySystemInformation Args: (5, , 131072, 45024) Return: 0	2516	2580
Detection	Threat Characteristic: Attempts to detect active running processes Process ID: 2580 Info: enum processes		
Call System API	API Name: CryptExportKey Args: (1d61c0, 0, 6, 0, 0, 15e850) Return: 1	2516	2580
Detection	Threat Characteristic: Creates process Process ID: 2696 Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe		
Call Filesystem API	API Name: DeleteFileW Args: (%windir%\Microsoft.NET\Framework\v2.0.50727\config\security.config.cch.2580.1902477) Return: 0	2516	2580
Call Filesystem API	API Name: DeleteFileW Args: (%windir%\Microsoft.NET\Framework\v2.0.50727\config\enterprisesec.config.cch.2580.1902477) Return: 0	2516	2580
Call Filesystem API	API Name: DeleteFileW Args: (%APPDATA%\Microsoft\CLR Security Config\v2.0.50727.312\security.config.cch.2580.1902492) Return: 0	2516	2580

Detection	Threat Characteristic: Causes process to crash Process ID: 2696 Image Path: P.O-15-04-2021_000000008.exe		

Screenshot



W10

Environment-specific risk level	High risk The object exhibited highly suspicious characteristics that are commonly associated with malware.
Detections	TrojanSpy.MSIL.COINS.USMANDH21
Exploited vulnerabilities	-
Network connection	Custom

Object 1 - P.O-15-04-2021_000000008.zip (ZIP archive)

File name	P.O-15-04-2021_000000008.zip
File type	ZIP archive
SHA-1	AEBC4EEC365CA3CB28F907080EC6EA305226AD50
SHA-256	0F3024E78C88A2579BE5663B4A6EE05E60A318E5798B35C90AF843035FA10422
MD5	FD1B2B09B7635D94162FE4D0BD275EEB
Size	649117 byte(s)

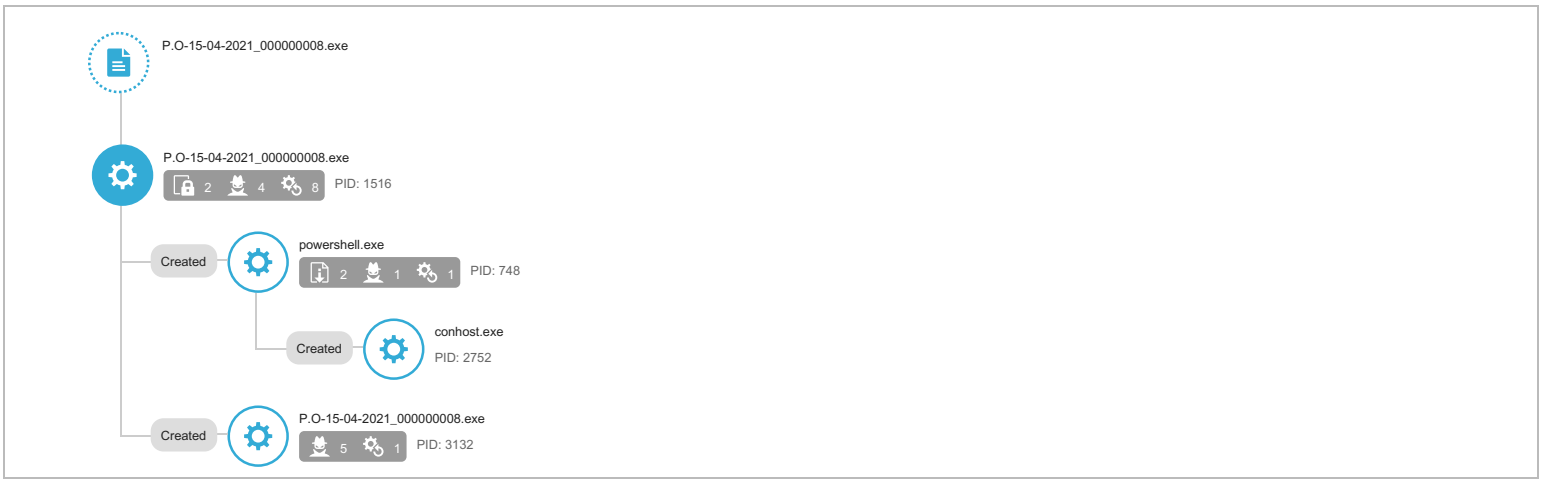
Risk Level	Unrated
Detection	-
Exploited vulnerabilities	-

Object 1.1 - P.O-15-04-2021_000000008.exe (MSIL Portable executable)

File name	P.O-15-04-2021_000000008.exe
File type	MSIL Portable executable
SHA-1	0953E4347A48B8517EEA9A24A0F7F303CB472DD6
SHA-256	8241D17135D91ED4122B969F3F0FBA64D2DB7C23B758FD69AD275DAD740224FC
MD5	8F29A574B608D4EDD014AA5B6C072222
Size	1008128 byte(s)

Risk Level	High risk
Detection	TrojanSpy.MSIL.COINS.USMANDH21
Exploited vulnerabilities	-
Threat Characteristics	Anti-security, self-preservation (5) Autostart or other system reconfiguration (2) File drop, download, sharing, or replication (2) Hijack, redirection, or data theft (17) Malformed, defective, or with known malware traits (2) Process, service, or memory object change (11)

Process Graph



Process Graph Legend

MITRE ATT&CK™ Framework Tactics and Techniques

Tactics	Techniques	Notable Threat Characteristics
Execution	Windows Management Instrumentation	Characteristics: 1, 2, 3, 4, 5, 6, 7, 8, 9
	PowerShell	Characteristics: 1
	Execution through API	Characteristics: 1
Privilege Escalation	Process Injection	Characteristics: 1, 2 Characteristics: 1, 2
Defense Evasion	Software Packing	Characteristics: 1
	Process Injection	Characteristics: 1, 2 Characteristics: 1, 2
	Process Hollowing	Characteristics: 1
	File Deletion	Characteristics: 1, 2
Discovery	Process Discovery	Characteristics: 1
	System Information Discovery	Characteristics: 1, 2, 3, 4, 5, 6, 7, 8, 9
Collection	Data from Local System	Characteristics: 1, 2, 3, 4, 5, 6

Notable Threat Characteristics

Anti-security, self-preservation (5)

Characteristic	Significance	Details
Attempts to detect sandbox application modules		Process ID: 1516 Module: SbieDll.dll
Attempts to detect sandbox characteristics		Sample attempted to detect sandbox using the following registry item: [HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\VMware, Inc.\VMware Tools\]
Attempts to detect sandbox characteristics		Sample attempted to detect sandbox using the following registry item: [HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Oracle\VirtualBox Guest Additions\]
Attempts to detect active running processes		Process ID: 1516 Info: enum processes
Uses suspicious packer		File Name: %WorkingDir%\P.O-15-04-2021_000000008.exe Packer: UNKNOWN

Autostart or other system reconfiguration (2)

Characteristic	Significance	Details
Modifies important registry entries to perform rogue functions		Key: HKEY_CURRENT_USER\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\ Value: Type: REG_NONE
Modifies important registry entries to perform rogue functions		Key: Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\ Value: Type: REG_NONE

File drop, download, sharing, or replication (2)

Characteristic	Significance	Details
Deletes file to compromise the system or to remove traces of the infection		Process ID: 748 File: %TEMP%\gyzlexe3.tjk.psm1 Type: VSDT_ASCII
Deletes file to compromise the system or to remove traces of the infection		Process ID: 748 File: %TEMP%\c4tdwrwp.zo4.ps1 Type: VSDT_ASCII

Hijack, redirection, or data theft (17)

Characteristic	Significance	Details
Accesses decoy file	■□□	%APPDATA%\Mozilla\Firefox\Profiles\6ir7qs4n.default\key3.db
Accesses decoy file	■□□	%APPDATA%\Mozilla\Firefox\profiles.ini
Accesses decoy file	■□□	%APPDATA%\FILEZILLA\RECENTSERVERS.XML
Accesses decoy file	■□□	%APPDATA%\COMODO\ICEDRAGON\PROFILES.INI
Accesses decoy file	■□□	%LOCALAPPDATA%\Google\Chrome\User Data\Default\Login Data
Modifies configuration files to perform rogue functions	■■□	%windir%\System32\drivers\etc\hosts
Modifies configuration files to perform rogue functions	■■□	File: %windir%\SYSTEM32\DRIVERS\ETC\HOSTS Modified Content: 127.0.0.1
Executes commands or uses API to obtain system information	■□□	Process ID: 3132 Info: Obtains processorID from API result
Executes commands or uses API to obtain system information	■□□	Process ID: 3132 Info: Obtains __PATH from API result
Executes commands or uses API to obtain system information	■□□	Process ID: 3132 Info: Obtains __GENUS from API result
Executes commands or uses API to obtain system information	■□□	Process ID: 3132 Info: Obtains __CLASS from API result
Executes commands or uses API to obtain system information	■□□	Process ID: 3132 Info: Obtains SerialNumber from API result
Executes commands or uses API to obtain system information	■□□	Process ID: 1516 Info: Obtains Description from API result
Executes commands or uses API to obtain system information	■□□	Process ID: 1516 Info: Obtains __PATH from API result
Executes commands or uses API to obtain system information	■□□	Process ID: 1516 Info: Obtains __GENUS from API result
Executes commands or uses API to obtain system information	■□□	Process ID: 1516 Info: Obtains Win32_VideoController from API result
Executes commands or uses API to obtain system information	■□□	Process ID: 748 Info: Searches files by API

▼ Malformed, defective, or with known malware traits (2)

Characteristic	Significance	Details
Detected as known malware	■■■	Source: ATSE Detection Name: TrojanSpy.MSIL.COINS.USMANDH21 Engine Version: 12.500.1008 Malware Pattern Version: 16.675.92
Rare executable file	■□□	Global Detections: 0

▼ Process, service, or memory object change (11)

Characteristic	Significance	Details
Creates named pipe	■□□	\\.\pipe\PSHost.132637492225981676.748.DefaultAppDomain.powershell
Creates process	■□□	Process ID: 3132 Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe
Creates process	■□□	Process ID: 1516 Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe Shell Command:
Resides in memory to evade detection	■■□	Injecting Process ID: 1516 Injected API: WriteProcessMemory Target Process ID: 3132 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe
Resides in memory to evade detection	■■□	Injecting Process ID: 1516 Injected API: SetThreadContext Target Process ID: 3132 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe
Resides in memory to evade detection	■■□	Injecting Process ID: 1516 Target Process ID: 3132 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe Injected Address: 0x0
Resides in memory to evade detection	■■□	Injecting Process ID: 1516 Target Process ID: 3132 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe Injected Content:
Resides in memory to evade detection	■■□	Injecting Process ID: 1516 Target Process ID: 3132 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe Injected Content: .u.
Resides in memory to evade detection	■□□	Injecting Process ID: 1516 Target Process ID: 3132 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe Injected Content: MZ.
Injects memory with dropped files	■□□	Injecting Process ID: 1516 Target Process ID: 3132 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe File: MZ.
Creates process in system directory	■□□	Process ID: 748 Image Path: %windir%\SysWOW64\WindowsPowerShell\v1.0\powershell.exe "%windir%\System32\WindowsPowerShell\v1.0\powershell.exe" Add-MpPreference -ExclusionPath "%WorkingDir%\P.O-15-04-2021_000000008.exe"

▼ Network Destinations

Domain	IP Address	Port	Location	Risk Level	Threat	Accessed By
ocsp.digicert.com	93.184.220.29	53	-	No risk	-	P.O-15-04-2021_000000008.exe
iecvlist.microsoft.com	152.199.19.161	53	-	No risk	-	P.O-15-04-2021_000000008.exe
go.microsoft.com	2.19.113.71	53	-	No risk	-	P.O-15-04-2021_000000008.exe
ctldl.windowsupdate.com	8.253.193.241	53	-	No risk	-	P.O-15-04-2021_000000008.exe
sqm.telemetry.microsoft.com	65.55.252.93	53	-	No risk	-	P.O-15-04-2021_000000008.exe
ieonline.microsoft.com	204.79.197.200	53	-	No risk	-	P.O-15-04-2021_000000008.exe
ocsp.digicert.com	93.184.220.29	80	-	-	-	P.O-15-04-2021_000000008.exe
go.microsoft.com	2.19.113.71	80	-	-	-	P.O-15-04-2021_000000008.exe
sqm.telemetry.microsoft.com	65.55.252.93	443	-	-	-	P.O-15-04-2021_000000008.exe
ctldl.windowsupdate.com	67.26.13.254	80	-	-	-	P.O-15-04-2021_000000008.exe
ieonline.microsoft.com	204.79.197.200	443	-	-	-	P.O-15-04-2021_000000008.exe
ctldl.windowsupdate.com	8.253.193.248	80	-	-	-	P.O-15-04-2021_000000008.exe
iecvlist.microsoft.com	152.199.19.161	443	-	-	-	P.O-15-04-2021_000000008.exe

URL	Site Category	Risk Level	Threat	Accessed By
http://ctldl.windowsupdate.com/msdownload/update/v3/static/trustedr/en/pinrulesstl.cab?a28856566fc3d820	Computers / Internet Cloud Applications	No risk	-	P.O-15-04-2021_000000008.exe
http://ctldl.windowsupdate.com/msdownload/update/v3/static/trustedr/en/disallowedcertstl.cab?00517a5fff829792	Computers / Internet Cloud Applications	No risk	-	P.O-15-04-2021_000000008.exe
http://ocsp.digicert.com/MFEwTzBNMEswSTAJBgUrDgMCGgUABBTBL0V27RVZ7LBduom%2FnYB45SPUEwQU5Z1ZMIJHWMys%2BghUNoZ7OrUETfACEA8Ull8gIGmZT9XHrHiJQeI%3D	Computers / Internet Cloud Applications	No risk	-	P.O-15-04-2021_000000008.exe
http://ocsp.digicert.com/MFEwTzBNMEswSTAJBgUrDgMCGgUABBQQX6Z6gAidtSefNc6DC0OInqPHDQQUD4BhHIIxYdUvKOeNRji0LOHG2eICEA8aVkWYLIkXQFXHYN8Oxso%3D	Computers / Internet Cloud Applications	No risk	-	P.O-15-04-2021_000000008.exe
http://go.microsoft.com/fwlink/?LinkID=401135	Computers / Internet	No risk	-	P.O-15-04-2021_000000008.exe
http://ctldl.windowsupdate.com/msdownload/update/v3/static/trustedr/en/disallowedcertstl.cab?04dd353a436c0ba5	Computers / Internet Cloud Applications	No risk	-	P.O-15-04-2021_000000008.exe

Dropped or Downloaded Files

File	Risk Level	Threat	Threat Characteristics	Source URL	Size (bytes)	SHA-1
c4tdwrwp.zo4.ps1	No risk	-	-	-	1	356A192B7913B04C54574D18C28D46E6395428AB
d93f411851d7c929.customDestinations-ms~RF18e41.TMP	No risk	-	-	-	6213	FBC4D6995121320C454BEE7C1D6998AAD190B483
I12KRAG0VE2343RQGGNV.temp	No risk	-	-	-	6213	DF4241F82196CA7C1C8EC7D1F68E9A4D198C659E
d93f411851d7c929.customDestinations-ms	No risk	-	-	-	6213	DF4241F82196CA7C1C8EC7D1F68E9A4D198C659E
PowerShell_AnalysisCacheIndex	No risk	-	-	-	21073	6B0C1B13D48639DCA5B96D180A75222F8BAEC095
PowerShell_AnalysisCacheEntry_f95ace63-33bc-4cea-a2a4-826cd72e8851	No risk	-	-	-	4494	0B392D926A964596C26121F4CB3293BD36EE9141
PowerShell_AnalysisCacheEntry_d63980c8-601d-4081-80ab-dd5918e3af7a	No risk	-	-	-	504	21DD4834DB04B1EAC2F639335528CCD79F65F4AB
PowerShell_AnalysisCacheEntry_9230a1ef-a3a0-4cb5-8f95-eb099d42b1d8	No risk	-	-	-	677	8D7229AE9CF95D10F787ABC59A717DF5491DF9E0
PowerShell_AnalysisCacheEntry_57a19812-ad31-47d3-b27b-900612eb602c	No risk	-	-	-	336	B3F0AFCF9B1A3519FC1E9E972982E258C2FEEC05
PowerShell_AnalysisCacheEntry_e2146bfe-39f2-4b5a-9190-3cbd628edc39	No risk	-	-	-	1912	87A543B005FD66DD3AD2678CDB11F05E7B412B0F

Suspicious Objects

Type	Object	Risk Level
File (SHA1)	0953E4347A48B8517EEA9A24A0F7F303CB472DD6	High

Analysis

Event Type	Details	Parent PID	PID
Detection	Threat Characteristic: Detected as known malware Source: ATSE Detection Name: TrojanSpy.MSIL.COINS.USMANDH21 Engine Version: 12.500.1008 Malware Pattern Version: 16.675.92		
Detection	Threat Characteristic: Rare executable file Global Detections: 0		

Detection	Threat Characteristic: Uses suspicious packer File Name: %WorkingDir%\P.O-15-04-2021_000000008.exe Packer: UNKNOWN		
Call System API	API Name: System.Reflection.Assembly::Load Args: (4D5A9000...) Return: 0		1516
Call System API	API Name: System.Reflection.Assembly::Load Args: (4D5A9000...) Return: 0		1516
Call System API	API Name: System.Runtime.InteropServices.Marshal::Copy Args: (0000000000000000, 0, 105120120, 8) Return: 0		1516
Call System API	API Name: System.Runtime.InteropServices.Marshal::Copy Args: (0000000000000000, 0, 105120160, 8) Return: 0		1516
Call System API	API Name: System.Runtime.InteropServices.Marshal::Copy Args: (0000000000000000, 0, 105120200, 8) Return: 0		1516
Call System API	API Name: EnumProcesses Args: () Return: 1		1516
Detection	Threat Characteristic: Attempts to detect active running processes Process ID: 1516 Info: enum processes		
Call System API	API Name: PathFileExistsW Args: (%windir%\SysWOW64\propsys.dll) Return: 1		1516
Call System API	API Name: PathFileExistsW Args: (%windir%\SysWOW64\propsys.dll) Return: 1		1516
Call Process API	API Name: CreateProcessW Args: (%windir%\System32\WindowsPowerShell\v1.0\powershell.exe, "%windir%\System32\WindowsPowerShell\v1.0\powershell.exe" Add-MpPreference -ExclusionPath "%WorkingDir%\P.O-15-04-2021_000000008.exe", , , , CREATE_SUSPENDED, , %WorkingDir%, SW_HIDE, Process:748:%windir%\SysWOW64\WindowsPowerShell\v1.0\powershell.exe) Return: 1		1516
Call Thread API	API Name: NtResumeThread Args: (Process:748,) Return: ?		1516
Call System API	API Name: evtchann.SendEvent Args: (e), pid[748], ppid[1516) Return: 1		1516
Read Registry Key	Key: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Oracle\VirtualBox Guest Additions\ Value: None		1516
Detection	Threat Characteristic: Attempts to detect sandbox characteristics Sample attempted to detect sandbox using the following registry item: [HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Oracle\VirtualBox Guest Additions\]		
Read Registry Key	Key: HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\VMware, Inc.\VMware Tools\ Value: None		1516
Detection	Threat Characteristic: Attempts to detect sandbox characteristics Sample attempted to detect sandbox using the following registry item: [HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\VMware, Inc.\VMware Tools\]		
Call WMI API	API Name: IWbemLevel1Login::NTLMLogin Args: (\\.\ROOT\cimv2, en-US,en, 0, 597afc8, ca8f368) Return: 0		1516
Call WMI API	API Name: IWbemLocator::ConnectServer Args: (\\.\ROOT\cimv2, NULL, NULL, , 80, , 0, ca8f368) Return: 0		1516
Call WMI API	API Name: IWbemServices::ExecQuery Args: (WQL, SELECT * FROM Win32_VideoController, 10, 0, 99d718) Return: 0		1516
Detection	Threat Characteristic: Executes commands or uses API to obtain system information Process ID: 1516 Info: Obtains Win32_VideoController from API result		
Call WMI API	API Name: Win32_VideoController::Get Args: (__GENUS, 0, 2, 3, 64) Return: 0		1516
Detection	Threat Characteristic: Executes commands or uses API to obtain system information Process ID: 1516 Info: Obtains __GENUS from API result		
Call WMI API	API Name: Win32_VideoController::Get Args: (__PATH, 0, \\FIN-Adam-Serve\ROOT\cimv2:Win32_VideoController.DeviceID="VideoController1", 8, 64) Return: 0		1516
Detection	Threat Characteristic: Executes commands or uses API to obtain system information Process ID: 1516 Info: Obtains __PATH from API result		
Detection	Threat Characteristic: Creates process in system directory Process ID: 748 Image Path: %windir%\SysWOW64\WindowsPowerShell\v1.0\powershell.exe "%windir%\System32\WindowsPowerShell\v1.0\powershell.exe" Add-MpPreference -ExclusionPath "%WorkingDir%\P.O-15-04-2021_000000008.exe"		
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Microsoft Basic Display Adapter, 8, 0) Return: 0		1516
Detection	Threat Characteristic: Executes commands or uses API to obtain system information Process ID: 1516 Info: Obtains Description from API result		
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Microsoft Basic Display Adapter, 8, 0) Return: 0		1516
Call System API	API Name: PathFileExistsW Args: (%windir%\SysWOW64\propsys.dll) Return: 1	1516	748
Call System API	API Name: PathFileExistsW Args: (%windir%\SysWOW64\propsys.dll) Return: 1	1516	748
Call Internet Helper API	API Name: NetShareEnum Args: (, 503, 6a489b90, -1, 37dfc4, 37dfc0, 0) Return: 0	1516	748
Call System API	API Name: PathFileExistsW Args: (%APPDATA%\Microsoft\Windows\Recent\CustomDestinations\d93f411851d7c929.customDestinations-ms) Return: 1	1516	748
Add File	Path: %APPDATA%\Microsoft\Windows\Recent\CustomDestinations\I12KRAG0VE2343RQGGNV.temp Type: VSDT_COM_DOS	1516	748
Write File	Path: %APPDATA%\Microsoft\Windows\Recent\CustomDestinations\I12KRAG0VE2343RQGGNV.temp Type: VSDT_COM_DOS	1516	748
Add File	Path: %APPDATA%\Microsoft\Windows\Recent\CustomDestinations\d93f411851d7c929.customDestinations-ms~RF18e41.TMP Type: VSDT_EMPTY	1516	748
Add File	Path: %APPDATA%\Microsoft\Windows\Recent\CustomDestinations\d93f411851d7c929.customDestinations-ms~RF18e41.TMP Type: VSDT_COM_DOS	1516	748
Add File	Path: %APPDATA%\Microsoft\Windows\Recent\CustomDestinations\d93f411851d7c929.customDestinations-ms Type: VSDT_COM_DOS	1516	748
Call Filesystem API	API Name: DeleteFileW Args: (%APPDATA%\Microsoft\Windows\Recent\CustomDestinations\d93f411851d7c929.customDestinations-ms~RF18e41.TMP) Return: 1	1516	748
Delete File	Path: %APPDATA%\Microsoft\Windows\Recent\CustomDestinations\d93f411851d7c929.customDestinations-ms~RF18e41.TMP Type: VSDT_COM_DOS	1516	748
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Microsoft Basic Display Adapter, 8, 0) Return: 0		1516
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Microsoft Basic Display Adapter, 8, 0) Return: 0		1516
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Microsoft Basic Display Adapter, 8, 0) Return: 0		1516
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Microsoft Basic Display Adapter, 8, 0) Return: 0		1516
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Microsoft Basic Display Adapter, 8, 0) Return: 0		1516
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Microsoft Basic Display Adapter, 8, 0) Return: 0		1516
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Microsoft Basic Display Adapter, 8, 0) Return: 0		1516
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Microsoft Basic Display Adapter, 8, 0) Return: 0		1516
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Microsoft Basic Display Adapter, 8, 0) Return: 0		1516
Call WMI API	API Name: Win32_VideoController::Get Args: (Description, 0, Microsoft Basic Display Adapter, 8, 0) Return: 0		1516
Call System API	API Name: GetModuleHandleA Args: (SbieDll.dll) Return: 0		1516
Detection	Threat Characteristic: Attempts to detect sandbox application modules Process ID: 1516 Module: SbieDll.dll		
Call Process API	API Name: CreateProcessW Args: (%WorkingDir%\P.O-15-04-2021_000000008.exe, , , , , CREATE_SUSPENDED, , , , Process:3132:%WorkingDir%\P.O-15-04-2021_000000008.exe) Return: 1		1516

Detection	Threat Characteristic: Resides in memory to evade detection Injecting Process ID: 1516 Injected API: WriteProcessMemory Target Process ID: 3132 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe		
Detection	Threat Characteristic: Creates process Process ID: 1516 Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe Shell Command:		
Call Virtual Memory API	API Name: WriteProcessMemory Args: (Process Name:3132:%WorkingDir%\P.O-15-04-2021_000000008.exe, 400000, MZ., 512, 99db44) Return: 1		1516
Detection	Threat Characteristic: Resides in memory to evade detection Injecting Process ID: 1516 Target Process ID: 3132 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe Injected Content: MZ.		
Detection	Threat Characteristic: Injects memory with dropped files Injecting Process ID: 1516 Target Process ID: 3132 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe File: MZ.		
Call Virtual Memory API	API Name: WriteProcessMemory Args: (Process Name:3132:%WorkingDir%\P.O-15-04-2021_000000008.exe, 402000, .u., 219136, 99db44) Return: 1		1516
Detection	Threat Characteristic: Resides in memory to evade detection Injecting Process ID: 1516 Target Process ID: 3132 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe Injected Content: .u.		
Call Virtual Memory API	API Name: WriteProcessMemory Args: (Process Name:3132:%WorkingDir%\P.O-15-04-2021_000000008.exe, 438000, , 1024, 99db44) Return: 1		1516
Detection	Threat Characteristic: Resides in memory to evade detection Injecting Process ID: 1516 Target Process ID: 3132 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe Injected Content:		
Call Virtual Memory API	API Name: WriteProcessMemory Args: (Process Name:3132:%WorkingDir%\P.O-15-04-2021_000000008.exe, 43a000, , 512, 99db44) Return: 1		1516
Call Virtual Memory API	API Name: WriteProcessMemory Args: (Modify PEB 7eb5f000 Process:3132:%WorkingDir%\P.O-15-04-2021_000000008.exe, 7eb5f008, , 4, 99db44) Return: 1		1516
Detection	Threat Characteristic: Resides in memory to evade detection Injecting Process ID: 1516 Target Process ID: 3132 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe Injected Address: 0x0		
Call Thread API	API Name: SetThreadContext Args: (Process Name:3132:%WorkingDir%\P.O-15-04-2021_000000008.exe) Return: 1		1516
Detection	Threat Characteristic: Resides in memory to evade detection Injecting Process ID: 1516 Injected API: SetThreadContext Target Process ID: 3132 Target Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe		
Call Thread API	API Name: NtResumeThread Args: (Process:3132,) Return: ?		1516
Call System API	API Name: evtchann.SendEvent Args: (e), pid[3132], ppid[1516) Return: 1		1516
Add File	Path: %LOCALAPPDATA%\Microsoft\CLR_v4.0_32\UsageLogs\P.O-15-04-2021_000000008.exe.log Type: VSDT_ASCII		1516
Write File	Path: %LOCALAPPDATA%\Microsoft\CLR_v4.0_32\UsageLogs\P.O-15-04-2021_000000008.exe.log Type: VSDT_ASCII		1516
Detection	Threat Characteristic: Creates process Process ID: 3132 Image Path: %WorkingDir%\P.O-15-04-2021_000000008.exe		
Call Filesystem API	API Name: CreateNamedPipeW Args: (\\.\pipe\PSHost.132637492225981676.748.DefaultAppDomain.powershell, 1074266115, 6, 1, 32768, 32768, 0, 3658840) Return: 51c	1516	748
Detection	Threat Characteristic: Creates named pipe \\.\pipe\PSHost.132637492225981676.748.DefaultAppDomain.powershell		
Call Filesystem API	API Name: DeleteFileW Args: (%TEMP%\c4tdwrwp.zo4.ps1) Return: 1	1516	748
Call Filesystem API	API Name: DeleteFileW Args: (%TEMP%\gyzlexe3.tjk.psm1) Return: 1	1516	748
Add File	Path: %TEMP%\c4tdwrwp.zo4.ps1 Type: VSDT_ASCII	1516	748
Write File	Path: %TEMP%\c4tdwrwp.zo4.ps1 Type: VSDT_ASCII	1516	748
Call Service API	API Name: OpenServiceW Args: (7230658, CryptSvc, 5) Return: 7230798	1516	748
Add File	Path: %TEMP%\gyzlexe3.tjk.psm1 Type: VSDT_ASCII	1516	748
Write File	Path: %TEMP%\gyzlexe3.tjk.psm1 Type: VSDT_ASCII	1516	748
Delete File	Path: %TEMP%\c4tdwrwp.zo4.ps1 Type: VSDT_ASCII	1516	748
Detection	Threat Characteristic: Deletes file to compromise the system or to remove traces of the infection Process ID: 748 File: %TEMP%\c4tdwrwp.zo4.ps1 Type: VSDT_ASCII		
Delete File	Path: %TEMP%\gyzlexe3.tjk.psm1 Type: VSDT_ASCII	1516	748
Detection	Threat Characteristic: Deletes file to compromise the system or to remove traces of the infection Process ID: 748 File: %TEMP%\gyzlexe3.tjk.psm1 Type: VSDT_ASCII		
Write Registry Key	Key: HKEY_CURRENT_USER\SOFTWARE\Classes\Local Settings\MuiCache\7d\52C64B7E\LanguageList Value: en-US\0en\0	1516	748
Delete Registry Key	Key: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\SystemCertificates\ROOT\Certificates\D9D2ECA3A2F0E3303F6BCE495AC844C64928F112 Value: None	1516	748
Write Registry Key	Key: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\SystemCertificates\ROOT\Certificates\D9D2ECA3A2F0E3303F6BCE495AC844C64928F112\Blob Value: None	1516	748
Delete Registry Key	Key: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\SystemCertificates\ROOT\Certificates\D9D2ECA3A2F0E3303F6BCE495AC844C64928F112 Value: None	1516	748
Write Registry Key	Key: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\SystemCertificates\ROOT\Certificates\D9D2ECA3A2F0E3303F6BCE495AC844C64928F112\Blob Value: None	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_367d7386-cb1c-48bb-b1a1-a342e4e50d4c Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748

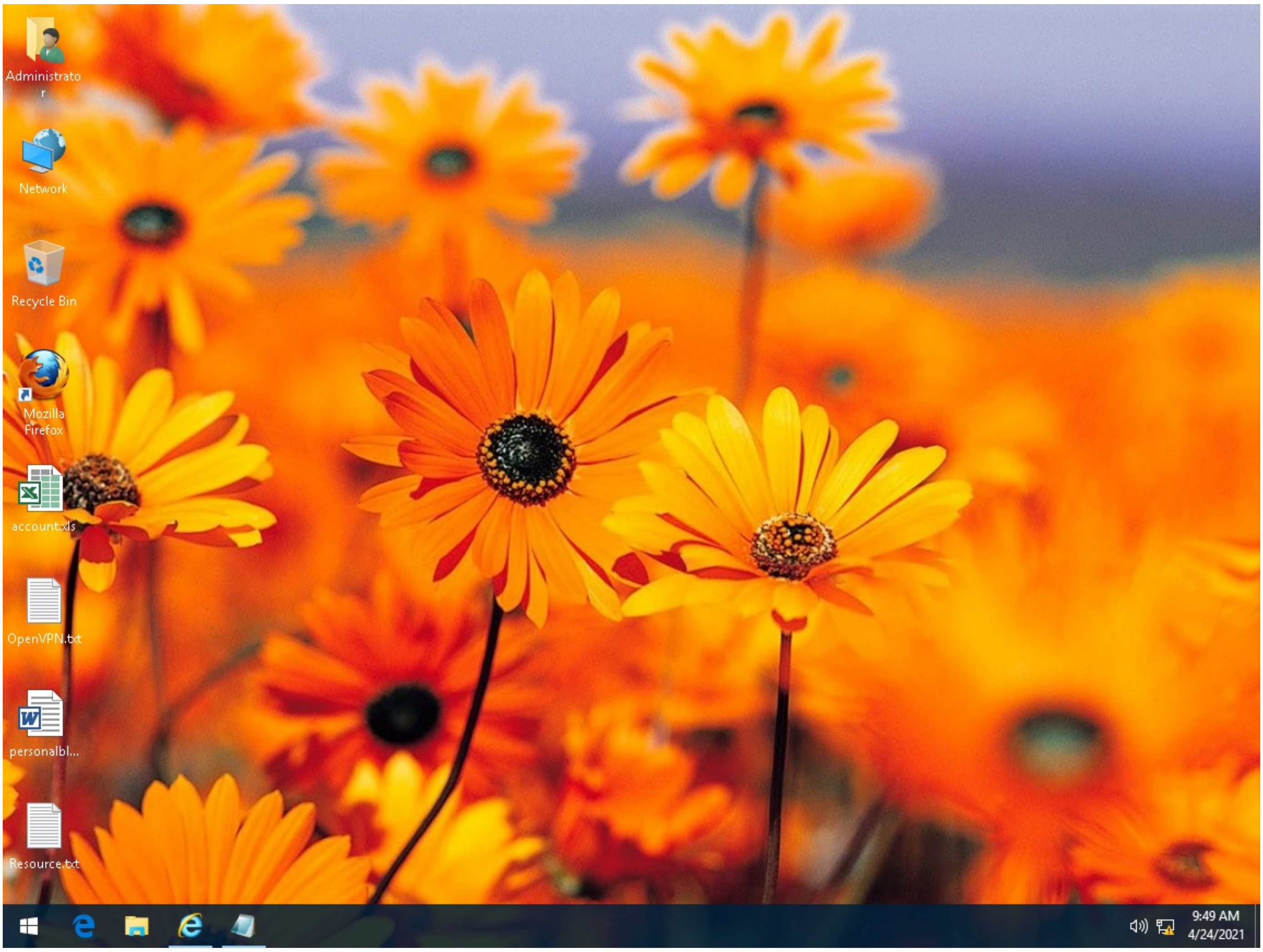
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_505d4d03-80d5-49a8-bbf5-d1da70a946da Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Call Filesystem API	API Name: FindFirstFileExW Args: (%windir%\system32\WindowsPowerShell\v1.0\Modules\VpnClient*, 0, a70df88, 0, 0, 0) Return: 9b3f550	1516	748
Detection	Threat Characteristic: Executes commands or uses API to obtain system information Process ID: 748 Info: Searches files by API		
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_f2c42dea-0f9a-4e74-873c-b73e8713d7d8 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_e116839a-2b1b-4588-be88-517689cfa536 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_4d245eee-143c-43e2-ab9a-eca01a38cb58 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_c3cf3f6b-0abc-48ab-b19c-87f39e281542 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_59996910-2bae-4b01-8439-8432fd48cc45 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_37b04d57-604b-4960-afa4-a38a1594c1a7 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Call Filesystem API	API Name: GetFileAttributesW Args: (%windir%\system32\WinMetadata\Windows.System.UserProfile.winmd) Return: -1	1516	748
Call Filesystem API	API Name: GetFileAttributesW Args: (%windir%\system32\WinMetadata\Windows.System.winmd) Return: 32	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_d63980c8-601d-4081-80ab-dd5918e3af7a Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_60229287-003e-415b-8b53-4961c9d4dc01 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Call WMI API	API Name: IWbemLevel1Login::NTLMLogin Args: (\\.\root\cimv2, en-US,en, 0, 1175658, f1eedc) Return: 0	1516	3132
Call WMI API	API Name: IWbemLocator::ConnectServer Args: (\\.\root\cimv2, NULL, NULL, NULL, 0, NULL, 0, f1eedc) Return: 0	1516	3132
Call WMI API	API Name: Win32_BaseBoard::Get Args: (SerialNumber, 0, O0IYNPXNRRJEDF, 8, 0) Return: 0	1516	3132
Detection	Threat Characteristic: Executes commands or uses API to obtain system information Process ID: 3132 Info: Obtains SerialNumber from API result		
Call WMI API	API Name: IWbemLevel1Login::NTLMLogin Args: (\\.\root\cimv2, en-US,en, 0, 1175858, 69df488) Return: 0	1516	3132
Call WMI API	API Name: IWbemLocator::ConnectServer Args: (\\.\root\cimv2, NULL, NULL, , 80, , 0, 69df488) Return: 0	1516	3132
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_1f76fb9f-ad8c-4ca8-a94e-898625bb2e86 Type: VSDT_COM_DOS	1516	748
Call WMI API	API Name: Win32_Processor::Get Args: (__PATH, 0, \\FIN-Adam-Serve\ROOT\cimv2:Win32_Processor, 8, 64) Return: 0	1516	3132
Detection	Threat Characteristic: Executes commands or uses API to obtain system information Process ID: 3132 Info: Obtains __PATH from API result		
Call WMI API	API Name: Win32_Processor::Get Args: (__CLASS, 0, Win32_Processor, 8, 64) Return: 0	1516	3132
Detection	Threat Characteristic: Executes commands or uses API to obtain system information Process ID: 3132 Info: Obtains __CLASS from API result		
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_72c9d763-81a0-4efc-bc24-efae2d358d92 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_ea6be6b9-079e-4a17-998a-b7bbcb6acfb1 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Call WMI API	API Name: Win32_Processor::Get Args: (__GENUS, 0, 2, 3, 64) Return: 0	1516	3132
Detection	Threat Characteristic: Executes commands or uses API to obtain system information Process ID: 3132 Info: Obtains __GENUS from API result		
Call WMI API	API Name: Win32_Processor::Get Args: (__PATH, 0, \\FIN-Adam-Serve\root\cimv2:Win32_Processor.DeviceID="CPU0", 8, 64) Return: 0	1516	3132
Call WMI API	API Name: Win32_Processor::Get Args: (processorID, 0, 1, 8, 32) Return: 0	1516	3132
Detection	Threat Characteristic: Executes commands or uses API to obtain system information Process ID: 3132 Info: Obtains processorID from API result		
Call WMI API	API Name: Win32_Processor::Get Args: (processorID, 0, 1, 8, 32) Return: 0	1516	3132
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_f95ace63-33bc-4cea-a2a4-826cd72e8851 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Call WMI API	API Name: IWbemLevel1Login::NTLMLogin Args: (\\.\root\cimv2, en-US,en, 0, 1175dd8, 6b2f348) Return: 0	1516	3132
Call WMI API	API Name: IWbemLocator::ConnectServer Args: (\\.\root\cimv2, NULL, NULL, , 80, , 0, 6b2f348) Return: 0	1516	3132
Call WMI API	API Name: Win32_NetworkAdapterConfiguration::Get Args: (__PATH, 0, \\FIN-Adam-Serve\ROOT\cimv2:Win32_NetworkAdapterConfiguration, 8, 64) Return: 0	1516	3132
Call WMI API	API Name: Win32_NetworkAdapterConfiguration::Get Args: (__CLASS, 0, Win32_NetworkAdapterConfiguration, 8, 64) Return: 0	1516	3132
Call WMI API	API Name: Win32_NetworkAdapterConfiguration::Get Args: (__GENUS, 0, 2, 3, 64) Return: 0	1516	3132
Call WMI API	API Name: Win32_NetworkAdapterConfiguration::Get Args: (__PATH, 0, \\FIN-Adam-Serve\root\cimv2:Win32_NetworkAdapterConfiguration.Index=0, 8, 64) Return: 0	1516	3132
Call WMI API	API Name: Win32_NetworkAdapterConfiguration::Get Args: (IPEnabled, 0, 0, 11, 0) Return: 0	1516	3132

Call WMI API	API Name: Win32_NetworkAdapterConfiguration::Get Args: (IPEnabled, 0, 0, 11, 0) Return: 0	1516	3132
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_18c9fb0c-fb68-4c86-bcd4-a92ef5adf42b Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Call WMI API	API Name: Win32_NetworkAdapterConfiguration::Get Args: (__GENUS, 0, 2, 3, 64) Return: 0	1516	3132
Call WMI API	API Name: Win32_NetworkAdapterConfiguration::Get Args: (__PATH, 0, \\FIN-Adam-Serve\root\cimv2:Win32_NetworkAdapterConfiguration.Index=1, 8, 64) Return: 0	1516	3132
Call WMI API	API Name: Win32_NetworkAdapterConfiguration::Get Args: (IPEnabled, 0, -1, 11, 0) Return: 0	1516	3132
Call WMI API	API Name: Win32_NetworkAdapterConfiguration::Get Args: (IPEnabled, 0, -1, 11, 0) Return: 0	1516	3132
Call WMI API	API Name: Win32_NetworkAdapterConfiguration::Get Args: (MacAddress, 0, 00:1F:3C:8C:8D:BB, 8, 0) Return: 0	1516	3132
Call WMI API	API Name: Win32_NetworkAdapterConfiguration::Get Args: (MacAddress, 0, 00:1F:3C:8C:8D:BB, 8, 0) Return: 0	1516	3132
Call WMI API	API Name: Win32_NetworkAdapterConfiguration::Get Args: (__GENUS, 0, 2, 3, 64) Return: 0	1516	3132
Call WMI API	API Name: Win32_NetworkAdapterConfiguration::Get Args: (__PATH, 0, \\FIN-Adam-Serve\root\cimv2:Win32_NetworkAdapterConfiguration.Index=4, 8, 64) Return: 0	1516	3132
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_f904c07d-6234-4aaf-be8c-60559340f496 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_86a435ed-b36b-4c64-874a-968e2ab7ee47 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_5dec99ea-2cb6-4b5f-8ef9-a01742e42dc9 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_69dcdbbc-7545-4a92-af9e-33f77c87b07f Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_a18a8c1a-12dc-421c-8600-4ee0bad81245 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_6056746f-5eb1-4f3a-a8df-0ddb84cd9be7 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_057949d9-f265-4ae0-bb39-c8d4b13ac0ab Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_9230a1ef-a3a0-4cb5-8f95-eb099d42b1d8 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_9a528d13-04a3-448c-b528-943230be3cac Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_35c6ed74-ae9b-4cf0-bc62-580ddbdf2b29 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_4af5a9e0-e2c2-48b5-8b10-1958ba4a717f Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_decaba2c-dbc5-4d8d-a112-c9522a435438 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_86d0fa65-46e2-4936-892e-13d04a74cc24 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_450102ae-6106-4c4e-a008-ec847f4ec874 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_7eb349f9-d8a6-4e3d-be7d-3dbe7de3205e Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_769f96d2-2c3a-4719-b9a6-63d1aa888a67 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_7c0114f6-3a44-43d0-8833-ef686c9618ad Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_282c7b1d-8a86-4fe0-8862-782b1ea55447 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_95c6c018-1eea-4287-a70c-7d305f80a176 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_4778ef75-3dba-4959-a541-fe75d8a1069d Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_623a97e5-a4a4-466d-9768-cbb2f5fe0748 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_494b1a60-2944-4ad6-8ab2-f4d9be82a1c9 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748

Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_9fc74e9c-4ec2-4a28-8c76-d95b3e56c98a Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_22a63118-307f-4f05-b4a2-542141f4fb64 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_9d05625e-83a4-4a86-9f00-369a934ad822 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_4b614778-91a7-4226-a3d3-8991c69c115f Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_063b6e0a-7fdb-43f9-a8db-574e0bb22440 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_516e6127-5e24-4897-9042-e754cba0eb55 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_e2146bfe-39f2-4b5a-9190-3cbd628edc39 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_7300dbec-2865-45cc-ac58-5c32edfef1f2 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_33bf3a44-1fc4-4e94-accd-a05eca95c165 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_9c957b29-9561-45b4-9f5f-b844c5c1ce99 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_0ded4e37-020f-4c61-ab7d-a992ac43dc33 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_ea1f505a-a69a-40c3-a9cc-7b34489fd8b9 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_5ab30fef-f01b-414b-979d-49e08404589f Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_ec0b05e3-e8e6-4b86-a46d-76d9d8af06f4 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_ed9f9ad6-da58-41ab-beda-681f9c66e286 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_a5318292-bdf9-41a5-b065-da2980715f5e Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_62ed1c2b-d7bc-4888-9254-487fc55c4b4b Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_2d9adf05-31af-4c86-8de0-26b3bbfcdcce Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_a63c224e-fd93-4e45-bcd9-8ac0f6be3f74 Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheEntry_57a19812-ad31-47d3-b27b-900612eb602c Type: VSDT_COM_DOS	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\Windows\PowerShell\CommandAnalysis\PowerShell_AnalysisCacheIndex Type: VSDT_COM_DOS	1516	748
Add File	Path: %LOCALAPPDATA%\Microsoft\CLR_v4.0_32\UsageLogs\powershell.exe.log Type: VSDT_ASCII	1516	748
Write File	Path: %LOCALAPPDATA%\Microsoft\CLR_v4.0_32\UsageLogs\powershell.exe.log Type: VSDT_ASCII	1516	748
Detection	Threat Characteristic: Modifies configuration files to perform rogue functions File: %windir%\SYSTEM32\DRIVERS\ETC\HOSTS Modified Content: 127.0.0.1		
Write File	Path: %windir%\System32\drivers\etc\hosts Type: VSDT_ASCII	1516	3132
Detection	Threat Characteristic: Modifies configuration files to perform rogue functions %windir%\System32\drivers\etc\hosts		
Detection	Threat Characteristic: Accesses decoy file %LOCALAPPDATA%\Google\Chrome\User Data\Default\Login Data		
Detection	Threat Characteristic: Accesses decoy file %APPDATA%\COMODO\ICEDRAGON\PROFILES.INI		
Read Registry Key	Key: Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\ Value: None	1516	3132
Detection	Threat Characteristic: Modifies important registry entries to perform rogue functions Key: Software\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\ Value: Type: REG_NONE		
Read Registry Key	Key: HKEY_CURRENT_USER\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\ Value: None	1516	3132

Detection	Threat Characteristic: Modifies important registry entries to perform rogue functions Key: HKEY_CURRENT_USER\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Windows Messaging Subsystem\Profiles\Outlook\9375CFF0413111d3B88A00104B2A6676\ Value: Type: REG_NONE		
Call System API	API Name: CLSIDFromProgIDEx Args: (WScript.Shell, {72C24DD5-D70A-438B-8A42-98424B88AFB8}) Return: 0	1516	3132
Call System API	API Name: CLSIDFromProgIDEx Args: (WScript.Shell, {72C24DD5-D70A-438B-8A42-98424B88AFB8}) Return: 0	1516	3132
Call System API	API Name: CLSIDFromProgIDEx Args: (WScript.Shell, {72C24DD5-D70A-438B-8A42-98424B88AFB8}) Return: 0	1516	3132
Call System API	API Name: CLSIDFromProgIDEx Args: (WScript.Shell, {72C24DD5-D70A-438B-8A42-98424B88AFB8}) Return: 0	1516	3132
Call System API	API Name: CLSIDFromProgIDEx Args: (WScript.Shell, {72C24DD5-D70A-438B-8A42-98424B88AFB8}) Return: 0	1516	3132
Detection	Threat Characteristic: Accesses decoy file %APPDATA%\FILEZILLA\RECENTSERVERS.XML		
Detection	Threat Characteristic: Accesses decoy file %APPDATA%\Mozilla\Firefox\profiles.ini		
Detection	Threat Characteristic: Accesses decoy file %APPDATA%\Mozilla\Firefox\Profiles\6ir7qs4n.default\key3.db		

Screenshot



Process Graph Legend

Node

- Submitted sample
- Root process
- Child process
- Direct event
- Indirect event
- Created — Event actions

Notable Threat Characteristics

- Anti-security, self-preservation
- Autostart or other system reconfiguration
- Deception, social engineering
- File drop, download, sharing, or replication
- Hijack, redirection, or data theft
- Malformed, defective, or with known malware traits
- Process, service, or memory object change
- Rootkit, cloaking
- Suspicious network or messaging activity