



ID: 483205

Sample Name: 14 Items

receipt.vbs

Cookbook: default.jbs

Time: 16:46:12

Date: 14/09/2021

Version: 33.0.0 White Diamond

Table of Contents

Table of Contents	2
Windows Analysis Report 14 Items receipt.vbs	4
Overview	4
General Information	4
Detection	4
Signatures	4
Classification	4
Process Tree	4
Malware Configuration	4
Yara Overview	4
Initial Sample	4
Dropped Files	5
Memory Dumps	5
Sigma Overview	5
AV Detection:	5
E-Banking Fraud:	5
System Summary:	5
Stealing of Sensitive Information:	5
Remote Access Functionality:	5
Jbx Signature Overview	6
AV Detection:	6
Networking:	6
E-Banking Fraud:	6
System Summary:	6
Data Obfuscation:	6
Boot Survival:	6
Hooking and other Techniques for Hiding and Protection:	6
HIPS / PFW / Operating System Protection Evasion:	6
Stealing of Sensitive Information:	6
Remote Access Functionality:	6
Mitre Att&ck Matrix	6
Behavior Graph	7
Screenshots	8
Thumbnails	8
Antivirus, Machine Learning and Genetic Malware Detection	8
Initial Sample	8
Dropped Files	8
Unpacked PE Files	8
Domains	9
URLs	9
Domains and IPs	9
Contacted Domains	9
Contacted URLs	9
URLs from Memory and Binaries	9
Contacted IPs	9
Public	9
Private	9
General Information	9
Simulations	10
Behavior and APIs	10
Joe Sandbox View / Context	10
IPs	10
Domains	11
ASN	11
JA3 Fingerprints	12
Dropped Files	13
Created / dropped Files	13
Static File Info	16
General	16
File Icon	16
Network Behavior	16
Snort IDS Alerts	16
Network Port Distribution	18
TCP Packets	18
UDP Packets	18
DNS Queries	18
DNS Answers	18
HTTP Request Dependency Graph	19
HTTPS Proxied Packets	20
Code Manipulations	30
Statistics	30
Behavior	30

System Behavior	30
Analysis Process: wscript.exe PID: 740 Parent PID: 3424	30
General	30
File Activities	31
Analysis Process: powershell.exe PID: 3184 Parent PID: 740	31
General	31
File Activities	32
File Created	32
File Deleted	32
File Written	32
File Read	32
Registry Activities	32
Key Value Modified	32
Analysis Process: conhost.exe PID: 2264 Parent PID: 3184	32
General	32
Analysis Process: aspnet_compiler.exe PID: 6012 Parent PID: 3184	33
General	33
Analysis Process: aspnet_compiler.exe PID: 5192 Parent PID: 3184	33
General	33
Disassembly	33
Code Analysis	33

Source	Rule	Description	Author	Strings
14 Items receipt.vbs	PowerShell_Case_Anomaly	Detects obfuscated PowerShell hacktools	Florian Roth	<ul style="list-style-type: none"> • 0x30:\$s1: P0werSheLL

Dropped Files

Source	Rule	Description	Author	Strings
C:\Users\Public\Run\New.vbs	PowerShell_Case_Anomaly	Detects obfuscated PowerShell hacktools	Florian Roth	<ul style="list-style-type: none"> • 0x30:\$s1: P0werSheLL

Memory Dumps

Source	Rule	Description	Author	Strings
00000001.00000002.852066137.000001E92ABE 5000.00000004.00000040.sdmp	PowerShell_Case_Anomaly	Detects obfuscated PowerShell hacktools	Florian Roth	<ul style="list-style-type: none"> • 0x41b0:\$s1: P0werSheLL • 0x5a70:\$s1: P0werSheLL
00000001.00000002.851319653.000001E92A94 9000.00000004.00000001.sdmp	PowerShell_Case_Anomaly	Detects obfuscated PowerShell hacktools	Florian Roth	<ul style="list-style-type: none"> • 0x9670:\$s1: P0werSheLL
00000001.00000003.850032751.000001E92A94 5000.00000004.00000001.sdmp	PowerShell_Case_Anomaly	Detects obfuscated PowerShell hacktools	Florian Roth	<ul style="list-style-type: none"> • 0xd670:\$s1: P0werSheLL • 0x17fa8:\$s1: P0werSheLL • 0x25478:\$s1: P0werSheLL • 0x285c8:\$s1: P0werSheLL • 0x29e08:\$s1: P0werSheLL • 0xb598:\$s1: P0werSheLL
00000001.00000003.850431281.000001E92A96 B000.00000004.00000001.sdmp	PowerShell_Case_Anomaly	Detects obfuscated PowerShell hacktools	Florian Roth	<ul style="list-style-type: none"> • 0x25c8:\$s1: P0werSheLL
00000001.00000002.852419198.000001E92C69 0000.00000004.00000001.sdmp	PowerShell_Case_Anomaly	Detects obfuscated PowerShell hacktools	Florian Roth	<ul style="list-style-type: none"> • 0x118:\$s1: P0werSheLL

Click to see the 6 entries

Sigma Overview

AV Detection:



Sigma detected: NanoCore

E-Banking Fraud:



Sigma detected: NanoCore

System Summary:



Sigma detected: CrackMapExec PowerShell Obfuscation

Sigma detected: Encoded PowerShell Command Line

Sigma detected: Non Interactive PowerShell

Sigma detected: T1086 PowerShell Execution

Stealing of Sensitive Information:



Sigma detected: NanoCore

Remote Access Functionality:



Sigma detected: NanoCore

Jbx Signature Overview

 Click to jump to signature section

AV Detection:



Networking:



Snort IDS alert for network traffic (e.g. based on Emerging Threat rules)

Uses dynamic DNS services

E-Banking Fraud:



System Summary:



Wscript starts Powershell (via cmd or directly)

Very long command line found

Data Obfuscation:



VBScript performs obfuscated calls to suspicious functions

Boot Survival:



Creates an undocumented autostart registry key

Hooking and other Techniques for Hiding and Protection:



Hides that the sample has been downloaded from the Internet (zone.identifier)

HIPS / PFW / Operating System Protection Evasion:



Writes to foreign memory regions

Injects a PE file into a foreign processes

Stealing of Sensitive Information:



Remote Access Functionality:



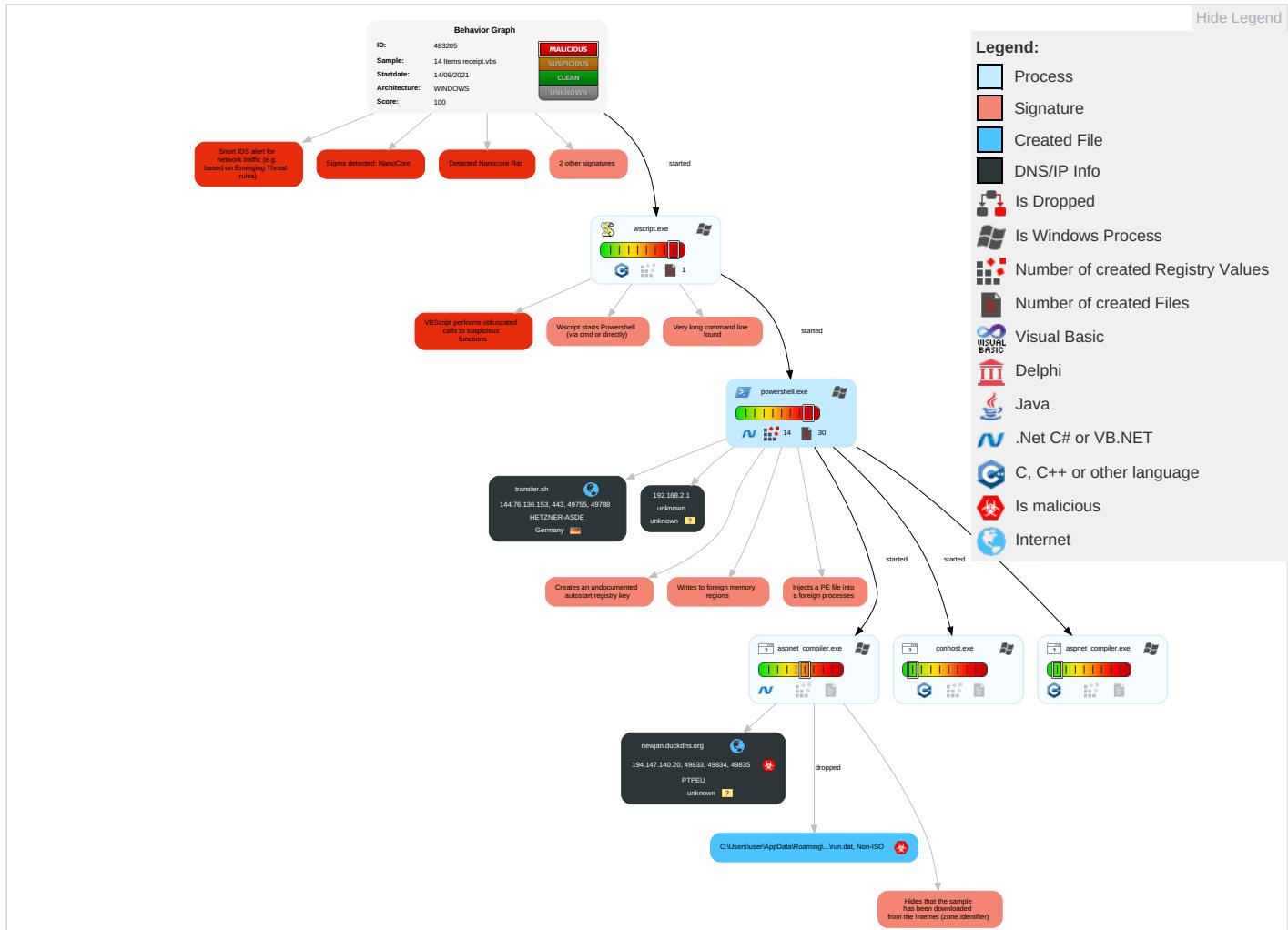
Detected Nanocore Rat

Mitre Att&ck Matrix

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Command and Control	Netw Effect
Valid Accounts	Windows Management Instrumentation 1	Registry Run Keys / Startup Folder 1	Process Injection 2 1 1	Masquerading 1	OS Credential Dumping	Query Registry 1	Remote Services	Data from Local System	Exfiltration Over Other Network Medium	Encrypted Channel 1	Eaves Insecu Netwo Comm

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Command and Control	Network Effect
Default Accounts	Command and Scripting Interpreter 1 1	Boot or Logon Initialization Scripts	Registry Run Keys / Startup Folder 1	Disable or Modify Tools 1	LSASS Memory	Security Software Discovery 1 1	Remote Desktop Protocol	Data from Removable Media	Exfiltration Over Bluetooth	Non-Standard Port 1	Exploit Redire Calls/ S
Domain Accounts	Scripting 2 2 1	Logon Script (Windows)	Logon Script (Windows)	Virtualization/Sandbox Evasion 2 1	Security Account Manager	Process Discovery 1	SMB/Windows Admin Shares	Data from Network Shared Drive	Automated Exfiltration	Remote Access Software 1	Exploit Track Locati S
Local Accounts	PowerShell 1	Logon Script (Mac)	Logon Script (Mac)	Process Injection 2 1 1	NTDS	Virtualization/Sandbox Evasion 2 1	Distributed Component Object Model	Input Capture	Scheduled Transfer	Ingress Tool Transfer 1	SIM C Swap
Cloud Accounts	Cron	Network Logon Script	Network Logon Script	Scripting 2 2 1	LSA Secrets	Application Window Discovery 1	SSH	Keylogging	Data Transfer Size Limits	Non-Application Layer Protocol 2	Manip Device Comm
Replication Through Removable Media	Launchd	Rc.common	Rc.common	Hidden Files and Directories 1	Cached Domain Credentials	Remote System Discovery 1	VNC	GUI Input Capture	Exfiltration Over C2 Channel	Application Layer Protocol 1 3	Jammi Denial Servic S
External Remote Services	Scheduled Task	Startup Items	Startup Items	Obfuscated Files or Information 1	DCSync	File and Directory Discovery 1	Windows Remote Management	Web Portal Capture	Exfiltration Over Alternative Protocol	Commonly Used Port	Rogue Acces S
Drive-by Compromise	Command and Scripting Interpreter	Scheduled Task/Job	Scheduled Task/Job	Indicator Removal from Tools	Proc Filesystem	System Information Discovery 1 2	Shared Webroot	Credential API Hooking	Exfiltration Over Symmetric Encrypted Non-C2 Protocol	Application Layer Protocol	Down Insecu Protoc S

Behavior Graph



Screenshots

Thumbnails

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



Antivirus, Machine Learning and Genetic Malware Detection

Initial Sample

No Antivirus matches

Dropped Files

No Antivirus matches

Unpacked PE Files

No Antivirus matches

Domains

No Antivirus matches

URLs

Source	Detection	Scanner	Label	Link
http://crl.m	0%	URL Reputation	safe	
http://pesterbdd.com/images/Pester.png	0%	URL Reputation	safe	
http://crl.micrX	0%	Avira URL Cloud	safe	
http://crl.micr	0%	URL Reputation	safe	

Domains and IPs

Contacted Domains

Name	IP	Active	Malicious	Antivirus Detection	Reputation
newjan.duckdns.org	194.147.140.20	true	true		unknown
transfer.sh	144.76.136.153	true	false		high

Contacted URLs

Name	Malicious	Antivirus Detection	Reputation
http://https://transfer.sh/pNpqqh/ygthf.txt	false		high
http://https://transfer.sh/5mLV5X/nyuh.txt	false		high

URLs from Memory and Binaries

Contacted IPs

Public

IP	Domain	Country	Flag	ASN	ASN Name	Malicious
144.76.136.153	transfer.sh	Germany		24940	HETZNER-ASDE	false
194.147.140.20	newjan.duckdns.org	unknown		47285	PTPEU	true

Private

IP

192.168.2.1

General Information

Joe Sandbox Version:	33.0.0 White Diamond
Analysis ID:	483205
Start date:	14.09.2021
Start time:	16:46:12
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 8m 11s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	14 Items receipt.vbs
Cookbook file name:	default.jbs
Analysis system description:	Windows 10 64 bit v1803 with Office Professional Plus 2016, Chrome 85, IE 11, Adobe Reader DC 19, Java 8 Update 211
Number of analysed new started processes analysed:	20

Number of new started drivers analysed:	0
Number of existing processes analysed:	0
Number of existing drivers analysed:	0
Number of injected processes analysed:	0
Technologies:	<ul style="list-style-type: none"> • HCA enabled • EGA enabled • HDC enabled • AMSI enabled
Analysis Mode:	default
Analysis stop reason:	Timeout
Detection:	MAL
Classification:	mal100.troj.evad.winVBS@8/10@26/3
EGA Information:	Failed
HDC Information:	Failed
HCA Information:	<ul style="list-style-type: none"> • Successful, ratio: 100% • Number of executed functions: 0 • Number of non-executed functions: 0
Cookbook Comments:	<ul style="list-style-type: none"> • Adjust boot time • Enable AMSI • Found application associated with file extension: .vbs • Override analysis time to 240s for JS/VBS files not yet terminated
Warnings:	Show All

Simulations

Behavior and APIs

Time	Type	Description
16:47:20	API Interceptor	28x Sleep call for process: powershell.exe modified
16:48:27	API Interceptor	1470x Sleep call for process: aspnet_compiler.exe modified

Joe Sandbox View / Context

IPs

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
144.76.136.153	Receipt_12203.vbs	Get hash	malicious	Browse	<ul style="list-style-type: none"> • transfer. sh/get/E2o QCW/Server.txt
	Invoice #60122.vbs	Get hash	malicious	Browse	<ul style="list-style-type: none"> • transfer. sh/get/Vp6 kOP/Server.txt
	M00GS82.vbs	Get hash	malicious	Browse	<ul style="list-style-type: none"> • transfer. sh/get/Qip jYs/fOOFFK.txt
	#P0082.vbs	Get hash	malicious	Browse	<ul style="list-style-type: none"> • transfer. sh/get/4Yg L52/HJN.txt
	Invoice #33190.vbs	Get hash	malicious	Browse	<ul style="list-style-type: none"> • transfer. sh/get/1JD QCmj/trivago.txt
	ZHDJFEB83MK.vbs	Get hash	malicious	Browse	<ul style="list-style-type: none"> • transfer. sh/get/CRXY /KFKFKF.txt
	#W002.vbs	Get hash	malicious	Browse	<ul style="list-style-type: none"> • transfer. sh/1YKpmfw /HmS.txt
	WO062_InvoiceCopy.vbs	Get hash	malicious	Browse	<ul style="list-style-type: none"> • transfer. sh/p/SHJA.txt
	A719830-Paid-Receipt.vbs	Get hash	malicious	Browse	<ul style="list-style-type: none"> • transfer. sh/b/deef.txt
	S0187365-Paid-Receipt.vbs	Get hash	malicious	Browse	<ul style="list-style-type: none"> • transfer. sh/1w231Gc /eeff.txt

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
	X92867354_PAYMENT_RECEIPT.vbs	Get hash	malicious	Browse	• transfer. sh/1cKLMWw /defff.txt
	H6289_Payment_Invoice_.vbs	Get hash	malicious	Browse	• transfer. sh/bypass.txt
	W00903InvoicePayment.vbs	Get hash	malicious	Browse	• transfer. sh/1Qh4UR2 /defender.txt
	R73981_Payment_Invoice_.vbs	Get hash	malicious	Browse	• transfer. sh/1yD4k6Q /ftf.txt
	S83735478_Payment_Invoice.vbs	Get hash	malicious	Browse	• transfer. sh/1WFWzN7 /defender.txt
	D37186235_Payment_Invoice.vbs	Get hash	malicious	Browse	• transfer. sh/1RzUIWk /defender.txt
	In_WO072.vbs	Get hash	malicious	Browse	• transfer. sh/1RKyZ9I /hjdds.txt
	FDOCX3429067800.vbs	Get hash	malicious	Browse	• transfer. sh/1AeAeyx /defender.txt
	W092.vbs	Get hash	malicious	Browse	• transfer. sh/1DiufNP /JKS.txt
	Texas Windstorm Insurance upgrade package.vbs	Get hash	malicious	Browse	• transfer. sh/get/1R8 6ggs/defen der.txt

Domains

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
newjan.duckdns.org	16 Items receipt.vbs	Get hash	malicious	Browse	• 194.147.140.20
	41-Items-invoice.vbs	Get hash	malicious	Browse	• 194.147.140.20
	8 Items invoice.vbs	Get hash	malicious	Browse	• 194.147.140.20
	3G1J49A6V_Invoice.vbs	Get hash	malicious	Browse	• 185.244.30.23
	LxYbtIP5nB.exe	Get hash	malicious	Browse	• 185.244.30.23
	Invoice#282730.exe	Get hash	malicious	Browse	• 79.134.225.9
	Urban Receipt.exe	Get hash	malicious	Browse	• 79.134.225.9
	d9hGzIR8mh.exe	Get hash	malicious	Browse	• 194.5.97.75
	6554353_Payment_Invoice.exe	Get hash	malicious	Browse	• 194.5.97.75
transfer.sh	16 Items receipt.vbs	Get hash	malicious	Browse	• 144.76.136.153
	41-Items-invoice.vbs	Get hash	malicious	Browse	• 144.76.136.153
	12-items-receipt.vbs	Get hash	malicious	Browse	• 144.76.136.153
	8 Items invoice.vbs	Get hash	malicious	Browse	• 144.76.136.153
	Receipt_12203.vbs	Get hash	malicious	Browse	• 144.76.136.153
	Payment_Advoce.vbs	Get hash	malicious	Browse	• 144.76.136.153
	Payment_Advoce.vbs	Get hash	malicious	Browse	• 144.76.136.153
	Invoice #60122.vbs	Get hash	malicious	Browse	• 144.76.136.153
	83736354Invoicereceipt.vbs	Get hash	malicious	Browse	• 144.76.136.153
	Invoice52190.vbs	Get hash	malicious	Browse	• 144.76.136.153
	M00GS82.vbs	Get hash	malicious	Browse	• 144.76.136.153
	Invoice#52190.vbs	Get hash	malicious	Browse	• 144.76.136.153
	Payment_Advoce.vbs	Get hash	malicious	Browse	• 144.76.136.153
	8373543_Invoice_Receipt.vbs	Get hash	malicious	Browse	• 144.76.136.153
	A6D8N25S_Invoice_receipt.vbs	Get hash	malicious	Browse	• 144.76.136.153
	Invoice#1096.vbs	Get hash	malicious	Browse	• 144.76.136.153
	Receipt.vbs	Get hash	malicious	Browse	• 144.76.136.153
	#P0082.vbs	Get hash	malicious	Browse	• 144.76.136.153
	Services Needed.vbs	Get hash	malicious	Browse	• 144.76.136.153
	Remittance-20210830.vbs	Get hash	malicious	Browse	• 144.76.136.153

ASN

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
HETZNER-ASDE	16 Items receipt.vbs	Get hash	malicious	Browse	• 144.76.136.153
	diagram-129.doc	Get hash	malicious	Browse	• 136.243.74.161
	diagram-129.doc	Get hash	malicious	Browse	• 136.243.74.161

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
	i3UmAT06iE.exe	Get hash	malicious	Browse	• 195.201.22 5.248
	cd.exe	Get hash	malicious	Browse	• 168.119.139.96
	diagram-129.doc	Get hash	malicious	Browse	• 136.243.74.161
	GCw589FSm7.exe	Get hash	malicious	Browse	• 195.201.22 5.248
	jFQ6SEAt26	Get hash	malicious	Browse	• 49.13.162.183
	67d16a17f27f15cf21671ccb406e1e8b647aa90c72c9.exe	Get hash	malicious	Browse	• 195.201.22 5.248
	diagram-477.doc	Get hash	malicious	Browse	• 136.243.74.161
	diagram-477.doc	Get hash	malicious	Browse	• 136.243.74.161
	diagram-477.doc	Get hash	malicious	Browse	• 136.243.74.161
	4J1sKiGm0T.exe	Get hash	malicious	Browse	• 116.203.165.54
	IB2RFTpyni.exe	Get hash	malicious	Browse	• 116.203.165.54
	lgT2LzjZ6N.exe	Get hash	malicious	Browse	• 116.203.165.54
	gmeqUPOV23.exe	Get hash	malicious	Browse	• 116.203.165.54
	BqqOuMRaJ3.exe	Get hash	malicious	Browse	• 116.203.165.54
	Invoice.xlsx	Get hash	malicious	Browse	• 136.243.159.53
	vPzJQvH6Pg.exe	Get hash	malicious	Browse	• 195.201.22 5.248
	#U65b0#U7684#U8b49#U66f8#U8868#U683c.pdf.exe	Get hash	malicious	Browse	• 136.243.159.53
PTPEU	16 Items receipt.vbs	Get hash	malicious	Browse	• 194.147.140.20
	SPT DRINGENDE BESTELLUNG _876453.pdf.exe	Get hash	malicious	Browse	• 194.147.140.9
	41-Items-invoice.vbs	Get hash	malicious	Browse	• 194.147.140.20
	Confirmaci#U00f3n del pedido- No HD10103.pdf.exe	Get hash	malicious	Browse	• 194.147.140.9
	SPT DRINGENDE BESTELLUNG _8764.pdf.exe	Get hash	malicious	Browse	• 194.147.140.9
	8 Items invoice.vbs	Get hash	malicious	Browse	• 194.147.140.20
	heimatec RFQ 4556_DRINGEND.pdf.exe	Get hash	malicious	Browse	• 194.147.140.9
	Confirmarea comenzii noi-4019.pdf.exe	Get hash	malicious	Browse	• 194.147.140.9
	vuaXoDsazg	Get hash	malicious	Browse	• 194.147.14 2.145
	dsMBH5SmxL	Get hash	malicious	Browse	• 194.147.14 2.145
	YlupXk5F7b	Get hash	malicious	Browse	• 194.147.14 2.145
	pvbuEVYCUB	Get hash	malicious	Browse	• 194.147.14 2.145
	1jTsJsy5b8	Get hash	malicious	Browse	• 194.147.14 2.145
	fpAHzxIGRn	Get hash	malicious	Browse	• 194.147.14 2.145
	sV5aR2SUfW.exe	Get hash	malicious	Browse	• 194.147.14 2.230
	qSN1mPnL52.exe	Get hash	malicious	Browse	• 194.147.14 2.230
	PO20171118-COGRAL SPA.jar	Get hash	malicious	Browse	• 185.105.23 6.179
	New Order_R4.jar	Get hash	malicious	Browse	• 185.105.23 6.179
	CYzY9Pi2ny.exe	Get hash	malicious	Browse	• 194.147.14 2.230
	l4w9e3daPT.exe	Get hash	malicious	Browse	• 194.147.14 2.230

JA3 Fingerprints

Match	Associated Sample Name / URL	SHA 256	Detection	Link	Context
54328bd36c14bd82ddaa0c04b25ed9ad	16 Items receipt.vbs	Get hash	malicious	Browse	• 144.76.136.153
	diagram-129.doc	Get hash	malicious	Browse	• 144.76.136.153
	8aGRdeN1Be.exe	Get hash	malicious	Browse	• 144.76.136.153
	QLMRTJS9RA.exe	Get hash	malicious	Browse	• 144.76.136.153
	SecuriteInfo.com.W32.AIDetect.malware2.32348.exe	Get hash	malicious	Browse	• 144.76.136.153
	diagram-477.doc	Get hash	malicious	Browse	• 144.76.136.153
	Rombat-0118PDF.exe	Get hash	malicious	Browse	• 144.76.136.153
	CLLKFIJI_(9-13-2021).xlsx.vbs	Get hash	malicious	Browse	• 144.76.136.153
	YyKMqtQcLMkGx.vbs	Get hash	malicious	Browse	• 144.76.136.153
	Halkbank_Ekstre_20210913_074002_566345 pdf.exe	Get hash	malicious	Browse	• 144.76.136.153
	Kopie dokladu o transakci 09_14_21.exe	Get hash	malicious	Browse	• 144.76.136.153

C:\Users\user\AppData\Local\Microsoft\Windows\PowerShell\StartupProfileData-NonInteractive

File Type:	data
Category:	dropped
Size (bytes):	1204
Entropy (8bit):	5.327588920450071
Encrypted:	false
SSDEEP:	24:3ULPpQrLAo4KAxX5qRPD42HOoFe9t4CvKuKnKJP+qn:oPerB4nqRL/HvFe9t4Cv94aP+qn
MD5:	B2E8F5B1D2CA14F416C34A1D80229547
SHA1:	25427AFC9715DC9C34187C211788E2409C83FA48
SHA-256:	A0B23D2B06F072A75AE6E5182F3776207E9EB012C568F11A10E5EE55F1F7FD03
SHA-512:	D3E88A11415A981DD475ABB03BD2B1DAAA264FED387D1D6157317986CEC9FB813285EBCE2DEE4079A01EB929498B1D587482E8C05EF467D0796662369AC68A00
Malicious:	false
Reputation:	moderate, very likely benign file
Preview:	<pre>@...e.....@.....8.....'...L..}.....System.Numerics.H.....<@.^L."My..... Microsoft.PowerShell.ConsoleHost0.....G-o..A...4B.....System..4.....[...{a.C.%6..h.....System.Core.D.....fZve...F...x.).....System.Management.AutomationL.....7....J@.....~.....#.Micro soft.Management.Infrastructure.<.....H.QN.Y.f.....System.Management..@.....Lo..QN.....<Q.....System.DirectoryServices4.....Zg5.:O.g..q.....System.Xml..4.....T..Z..N..Nvj.G.....System.Data.H.....H.m)aUu.....Microsoft.PowerShell.Security...<.....JL..Pz.O.E.R.....System.Tran sactions.<.....):gK..\$.1.q.....System.ConfigurationP...../.C..J..%..].....%.Microsoft.PowerShell.Commands.Utility..D.....-..D.F.<.nt.1.....S ystem.Configuration.Ins</pre>

C:\Users\user\AppData\Local\Temp__PSScriptPolicyTest_504w00vk.dm5.ps1

Process:	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
File Type:	very short file (no magic)
Category:	dropped
Size (bytes):	1
Entropy (8bit):	0.0
Encrypted:	false
SSDEEP:	3:U:U
MD5:	C4CA4238A0B923820DCC509A6F75849B
SHA1:	356A192B7913B04C54574D18C28D46E6395428AB
SHA-256:	6B86B273FF34FCE19D6B804EFF5A3F5747ADA4EAA22F1D49C01E52DDB7875B4B
SHA-512:	4DFF4EA340F0A823F15D3F4F01AB62EAE0E5DA579CCB851F8DB9DFE84C58B2B37B89903A740E1EE172DA793A6E79D560E5F7F9BD058A12A280433ED6FA46510A
Malicious:	false
Reputation:	high, very likely benign file
Preview:	1

C:\Users\user\AppData\Local\Temp__PSScriptPolicyTest_m5tw3aje.oei.psm1

Process:	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
File Type:	very short file (no magic)
Category:	dropped
Size (bytes):	1
Entropy (8bit):	0.0
Encrypted:	false
SSDEEP:	3:U:U
MD5:	C4CA4238A0B923820DCC509A6F75849B
SHA1:	356A192B7913B04C54574D18C28D46E6395428AB
SHA-256:	6B86B273FF34FCE19D6B804EFF5A3F5747ADA4EAA22F1D49C01E52DDB7875B4B
SHA-512:	4DFF4EA340F0A823F15D3F4F01AB62EAE0E5DA579CCB851F8DB9DFE84C58B2B37B89903A740E1EE172DA793A6E79D560E5F7F9BD058A12A280433ED6FA46510A
Malicious:	false
Preview:	1

C:\Users\user\AppData\Roaming\006ED635-68F6-4E9A-955C-4899F5F57B9A\catalog.dat

Process:	C:\Windows\Microsoft.NET\Framework\v4.0.30319\aspnet_compiler.exe
File Type:	data
Category:	dropped
Size (bytes):	2088
Entropy (8bit):	7.089541637477408
Encrypted:	false
SSDEEP:	48:IknhUknjhUknjhUknjhUknjhUknjhUknjhUknjhL:HjhDjhDjhDjhDjhDjhDjhL
MD5:	84864902DEC5038CEF326FF21E8D5F98
SHA1:	2F10FEC81D95813C3B2530EC4CECED70164A08C5
SHA-256:	5B4853A46F99AC6445B68DC1A841D511D0E86C6EDEC2A0A84F3778039A578B6B

Timestamp	Protocol	SID	Message	Source Port	Dest Port	Source IP	Dest IP
09/14/21-16:48:45.277862	TCP	2025019	ET TROJAN Possible NanoCore C2 60B	49835	6700	192.168.2.4	194.147.140.20
09/14/21-16:48:52.174994	UDP	254	DNS SPOOF query response with TTL of 1 min. and no authority	53	60875	8.8.8.8	192.168.2.4
09/14/21-16:48:52.368711	TCP	2025019	ET TROJAN Possible NanoCore C2 60B	49838	6700	192.168.2.4	194.147.140.20
09/14/21-16:48:59.653062	UDP	254	DNS SPOOF query response with TTL of 1 min. and no authority	53	59172	8.8.8.8	192.168.2.4
09/14/21-16:48:59.864669	TCP	2025019	ET TROJAN Possible NanoCore C2 60B	49841	6700	192.168.2.4	194.147.140.20
09/14/21-16:49:06.793632	UDP	254	DNS SPOOF query response with TTL of 1 min. and no authority	53	62420	8.8.8.8	192.168.2.4
09/14/21-16:49:07.089533	TCP	2025019	ET TROJAN Possible NanoCore C2 60B	49842	6700	192.168.2.4	194.147.140.20
09/14/21-16:49:13.901825	UDP	254	DNS SPOOF query response with TTL of 1 min. and no authority	53	60579	8.8.8.8	192.168.2.4
09/14/21-16:49:14.149941	TCP	2025019	ET TROJAN Possible NanoCore C2 60B	49843	6700	192.168.2.4	194.147.140.20
09/14/21-16:49:21.256215	TCP	2025019	ET TROJAN Possible NanoCore C2 60B	49844	6700	192.168.2.4	194.147.140.20
09/14/21-16:49:28.284148	TCP	2025019	ET TROJAN Possible NanoCore C2 60B	49845	6700	192.168.2.4	194.147.140.20
09/14/21-16:49:35.270359	UDP	254	DNS SPOOF query response with TTL of 1 min. and no authority	53	49228	8.8.8.8	192.168.2.4
09/14/21-16:49:35.488252	TCP	2025019	ET TROJAN Possible NanoCore C2 60B	49846	6700	192.168.2.4	194.147.140.20
09/14/21-16:49:42.258428	UDP	254	DNS SPOOF query response with TTL of 1 min. and no authority	53	59794	8.8.8.8	192.168.2.4
09/14/21-16:49:42.466756	TCP	2025019	ET TROJAN Possible NanoCore C2 60B	49847	6700	192.168.2.4	194.147.140.20
09/14/21-16:49:49.445932	TCP	2025019	ET TROJAN Possible NanoCore C2 60B	49848	6700	192.168.2.4	194.147.140.20
09/14/21-16:49:55.376989	UDP	254	DNS SPOOF query response with TTL of 1 min. and no authority	53	52752	8.8.8.8	192.168.2.4
09/14/21-16:49:55.571034	TCP	2025019	ET TROJAN Possible NanoCore C2 60B	49849	6700	192.168.2.4	194.147.140.20
09/14/21-16:50:02.438592	UDP	254	DNS SPOOF query response with TTL of 1 min. and no authority	53	60542	8.8.8.8	192.168.2.4
09/14/21-16:50:02.635837	TCP	2025019	ET TROJAN Possible NanoCore C2 60B	49850	6700	192.168.2.4	194.147.140.20
09/14/21-16:50:08.713947	UDP	254	DNS SPOOF query response with TTL of 1 min. and no authority	53	60689	8.8.8.8	192.168.2.4
09/14/21-16:50:09.010240	TCP	2025019	ET TROJAN Possible NanoCore C2 60B	49851	6700	192.168.2.4	194.147.140.20
09/14/21-16:50:15.675986	UDP	254	DNS SPOOF query response with TTL of 1 min. and no authority	53	64206	8.8.8.8	192.168.2.4
09/14/21-16:50:15.873224	TCP	2025019	ET TROJAN Possible NanoCore C2 60B	49852	6700	192.168.2.4	194.147.140.20
09/14/21-16:50:23.581188	UDP	254	DNS SPOOF query response with TTL of 1 min. and no authority	53	50904	8.8.8.8	192.168.2.4
09/14/21-16:50:23.774825	TCP	2025019	ET TROJAN Possible NanoCore C2 60B	49853	6700	192.168.2.4	194.147.140.20
09/14/21-16:50:30.768699	TCP	2025019	ET TROJAN Possible NanoCore C2 60B	49854	6700	192.168.2.4	194.147.140.20
09/14/21-16:50:37.731235	TCP	2025019	ET TROJAN Possible NanoCore C2 60B	49855	6700	192.168.2.4	194.147.140.20
09/14/21-16:50:44.620030	UDP	254	DNS SPOOF query response with TTL of 1 min. and no authority	53	53418	8.8.8.8	192.168.2.4
09/14/21-16:50:44.816203	TCP	2025019	ET TROJAN Possible NanoCore C2 60B	49856	6700	192.168.2.4	194.147.140.20
09/14/21-16:50:51.732064	TCP	2025019	ET TROJAN Possible NanoCore C2 60B	49857	6700	192.168.2.4	194.147.140.20
09/14/21-16:50:58.626033	UDP	254	DNS SPOOF query response with TTL of 1 min. and no authority	53	59260	8.8.8.8	192.168.2.4
09/14/21-16:50:58.822330	TCP	2025019	ET TROJAN Possible NanoCore C2 60B	49858	6700	192.168.2.4	194.147.140.20
09/14/21-16:51:05.678262	UDP	254	DNS SPOOF query response with TTL of 1 min. and no authority	53	49944	8.8.8.8	192.168.2.4
09/14/21-16:51:05.873777	TCP	2025019	ET TROJAN Possible NanoCore C2 60B	49859	6700	192.168.2.4	194.147.140.20
09/14/21-16:51:12.787907	TCP	2025019	ET TROJAN Possible NanoCore C2 60B	49860	6700	192.168.2.4	194.147.140.20

Network Port Distribution

TCP Packets

UDP Packets

DNS Queries

Timestamp	Source IP	Dest IP	Trans ID	OP Code	Name	Type	Class
Sep 14, 2021 16:47:21.230611086 CEST	192.168.2.4	8.8.8	0xd710	Standard query (0)	transfer.sh	A (IP address)	IN (0x0001)
Sep 14, 2021 16:47:57.664729118 CEST	192.168.2.4	8.8.8	0x23b4	Standard query (0)	transfer.sh	A (IP address)	IN (0x0001)
Sep 14, 2021 16:48:29.509757996 CEST	192.168.2.4	8.8.8	0x8eb7	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)
Sep 14, 2021 16:48:36.695919037 CEST	192.168.2.4	8.8.8	0x73bb	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)
Sep 14, 2021 16:48:44.881150961 CEST	192.168.2.4	8.8.8	0xc4d3	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)
Sep 14, 2021 16:48:52.048471928 CEST	192.168.2.4	8.8.8	0xc7b5	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)
Sep 14, 2021 16:48:59.529696941 CEST	192.168.2.4	8.8.8	0x704b	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)
Sep 14, 2021 16:49:06.672297955 CEST	192.168.2.4	8.8.8	0xcc2b	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)
Sep 14, 2021 16:49:13.770435095 CEST	192.168.2.4	8.8.8	0x6b4f	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)
Sep 14, 2021 16:49:20.957566977 CEST	192.168.2.4	8.8.8	0x310	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)
Sep 14, 2021 16:49:27.929801941 CEST	192.168.2.4	8.8.8	0xe7	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)
Sep 14, 2021 16:49:35.147243977 CEST	192.168.2.4	8.8.8	0x489	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)
Sep 14, 2021 16:49:42.128025055 CEST	192.168.2.4	8.8.8	0x5f2b	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)
Sep 14, 2021 16:49:49.221239090 CEST	192.168.2.4	8.8.8	0x6b3d	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)
Sep 14, 2021 16:49:55.252278090 CEST	192.168.2.4	8.8.8	0x5a50	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)
Sep 14, 2021 16:50:02.315313101 CEST	192.168.2.4	8.8.8	0x6034	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)
Sep 14, 2021 16:50:08.590311050 CEST	192.168.2.4	8.8.8	0xc3f4	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)
Sep 14, 2021 16:50:15.550996065 CEST	192.168.2.4	8.8.8	0x2c0a	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)
Sep 14, 2021 16:50:23.459199905 CEST	192.168.2.4	8.8.8	0x45b4	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)
Sep 14, 2021 16:50:30.526446104 CEST	192.168.2.4	8.8.8	0x1935	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)
Sep 14, 2021 16:50:37.503571033 CEST	192.168.2.4	8.8.8	0xa534	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)
Sep 14, 2021 16:50:44.495588064 CEST	192.168.2.4	8.8.8	0xda45	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)
Sep 14, 2021 16:50:51.502877951 CEST	192.168.2.4	8.8.8	0x3acf	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)
Sep 14, 2021 16:50:58.500104904 CEST	192.168.2.4	8.8.8	0x9845	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)
Sep 14, 2021 16:51:05.553004980 CEST	192.168.2.4	8.8.8	0x226a	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)
Sep 14, 2021 16:51:12.567164898 CEST	192.168.2.4	8.8.8	0x92b	Standard query (0)	newjan.duc kdns.org	A (IP address)	IN (0x0001)

DNS Answers

Timestamp	Source IP	Dest IP	Trans ID	Reply Code	Name	CName	Address	Type	Class
Sep 14, 2021 16:47:21.290188074 CEST	8.8.8	192.168.2.4	0xd710	No error (0)	transfer.sh		144.76.136.153	A (IP address)	IN (0x0001)

Timestamp	Source IP	Dest IP	Trans ID	Reply Code	Name	CName	Address	Type	Class
Sep 14, 2021 16:47:57.691255093 CEST	8.8.8.8	192.168.2.4	0x23b4	No error (0)	transfer.sh		144.76.136.153	A (IP address)	IN (0x0001)
Sep 14, 2021 16:48:29.630673885 CEST	8.8.8.8	192.168.2.4	0x8eb7	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)
Sep 14, 2021 16:48:36.819647074 CEST	8.8.8.8	192.168.2.4	0x73bb	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)
Sep 14, 2021 16:48:44.907325983 CEST	8.8.8.8	192.168.2.4	0xc4d3	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)
Sep 14, 2021 16:48:52.174993992 CEST	8.8.8.8	192.168.2.4	0xc7b5	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)
Sep 14, 2021 16:48:59.653062105 CEST	8.8.8.8	192.168.2.4	0x704b	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)
Sep 14, 2021 16:49:06.793632030 CEST	8.8.8.8	192.168.2.4	0xcc2b	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)
Sep 14, 2021 16:49:13.901824951 CEST	8.8.8.8	192.168.2.4	0x6b4f	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)
Sep 14, 2021 16:49:20.984271049 CEST	8.8.8.8	192.168.2.4	0x310	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)
Sep 14, 2021 16:49:27.959846973 CEST	8.8.8.8	192.168.2.4	0xe7	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)
Sep 14, 2021 16:49:35.270359039 CEST	8.8.8.8	192.168.2.4	0x489	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)
Sep 14, 2021 16:49:42.258428097 CEST	8.8.8.8	192.168.2.4	0x5f2b	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)
Sep 14, 2021 16:49:49.251703024 CEST	8.8.8.8	192.168.2.4	0x6b3d	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)
Sep 14, 2021 16:49:55.376988888 CEST	8.8.8.8	192.168.2.4	0x5a50	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)
Sep 14, 2021 16:50:02.438591957 CEST	8.8.8.8	192.168.2.4	0x6034	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)
Sep 14, 2021 16:50:08.713947058 CEST	8.8.8.8	192.168.2.4	0xc3f4	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)
Sep 14, 2021 16:50:15.675986052 CEST	8.8.8.8	192.168.2.4	0x2c0a	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)
Sep 14, 2021 16:50:23.581187963 CEST	8.8.8.8	192.168.2.4	0x45b4	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)
Sep 14, 2021 16:50:30.554337978 CEST	8.8.8.8	192.168.2.4	0x1935	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)
Sep 14, 2021 16:50:37.538053989 CEST	8.8.8.8	192.168.2.4	0xa534	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)
Sep 14, 2021 16:50:44.620029926 CEST	8.8.8.8	192.168.2.4	0xda45	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)
Sep 14, 2021 16:50:51.530977011 CEST	8.8.8.8	192.168.2.4	0x3acf	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)
Sep 14, 2021 16:50:58.626033068 CEST	8.8.8.8	192.168.2.4	0x9845	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)
Sep 14, 2021 16:51:05.678261995 CEST	8.8.8.8	192.168.2.4	0x226a	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)
Sep 14, 2021 16:51:12.593041897 CEST	8.8.8.8	192.168.2.4	0x92b	No error (0)	newjan.duc kdns.org		194.147.140.20	A (IP address)	IN (0x0001)

HTTP Request Dependency Graph

File size:	163840 bytes
MD5 hash:	9A68ADD12EB50DDE7586782C3EB9FF9C
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Yara matches:	<ul style="list-style-type: none"> Rule: PowerShell_Case_Anomaly, Description: Detects obfuscated PowerShell hacktools, Source: 00000001.00000002.852066137.000001E92ABE5000.0000004.00000040.sdmp, Author: Florian Roth Rule: PowerShell_Case_Anomaly, Description: Detects obfuscated PowerShell hacktools, Source: 00000001.00000002.851319653.000001E92A949000.0000004.00000001.sdmp, Author: Florian Roth Rule: PowerShell_Case_Anomaly, Description: Detects obfuscated PowerShell hacktools, Source: 00000001.00000003.850032751.000001E92A945000.0000004.00000001.sdmp, Author: Florian Roth Rule: PowerShell_Case_Anomaly, Description: Detects obfuscated PowerShell hacktools, Source: 00000001.00000003.850431281.000001E92A96B000.0000004.00000001.sdmp, Author: Florian Roth Rule: PowerShell_Case_Anomaly, Description: Detects obfuscated PowerShell hacktools, Source: 00000001.00000002.852419198.000001E92C690000.0000004.00000001.sdmp, Author: Florian Roth Rule: PowerShell_Case_Anomaly, Description: Detects obfuscated PowerShell hacktools, Source: 00000001.00000002.851342619.000001E92A954000.0000004.00000001.sdmp, Author: Florian Roth Rule: PowerShell_Case_Anomaly, Description: Detects obfuscated PowerShell hacktools, Source: 00000001.00000003.850214818.000001E92A96C000.0000004.00000001.sdmp, Author: Florian Roth Rule: PowerShell_Case_Anomaly, Description: Detects obfuscated PowerShell hacktools, Source: 00000001.00000002.851469736.000001E92A97A000.0000004.00000001.sdmp, Author: Florian Roth Rule: PowerShell_Case_Anomaly, Description: Detects obfuscated PowerShell hacktools, Source: 00000001.00000003.850267004.000001E92A948000.0000004.00000001.sdmp, Author: Florian Roth Rule: PowerShell_Case_Anomaly, Description: Detects obfuscated PowerShell hacktools, Source: 00000001.00000003.849051938.000001E92C691000.0000004.00000001.sdmp, Author: Florian Roth
Reputation:	high

File Activities

Show Windows behavior

Analysis Process: powershell.exe PID: 3184 Parent PID: 740

General

Start time:	16:47:09
Start date:	14/09/2021
Path:	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
Wow64 process (32bit):	false

Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	high

Analysis Process: aspnet_compiler.exe PID: 6012 Parent PID: 3184

General

Start time:	16:48:24
Start date:	14/09/2021
Path:	C:\Windows\Microsoft.NET\Framework\v4.0.30319\aspnet_compiler.exe
Wow64 process (32bit):	false
Commandline:	C:\Windows\Microsoft.NET\Framework\v4.0.30319\aspnet_compiler.exe
Imagebase:	0x3f0000
File size:	55400 bytes
MD5 hash:	17CC69238395DF61AAF483BCEF02E7C9
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	moderate

Analysis Process: aspnet_compiler.exe PID: 5192 Parent PID: 3184

General

Start time:	16:48:24
Start date:	14/09/2021
Path:	C:\Windows\Microsoft.NET\Framework\v4.0.30319\aspnet_compiler.exe
Wow64 process (32bit):	true
Commandline:	C:\Windows\Microsoft.NET\Framework\v4.0.30319\aspnet_compiler.exe
Imagebase:	0xb50000
File size:	55400 bytes
MD5 hash:	17CC69238395DF61AAF483BCEF02E7C9
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	.Net C# or VB.NET
Reputation:	moderate

Disassembly

Code Analysis