

Relazione Tecnica: Analisi Statica e Dinamica di Malware

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Campione in esame: notepad-classico.exe

Ambiente: Flare-VM in isolamento controllato (Rete Host-Only)

1. Obiettivi e Metodologia

L'analisi è stata condotta seguendo le linee guida della traccia dell'esercizio. L'obiettivo è identificare le librerie importate, analizzare le sezioni dell'eseguibile e osservare il comportamento dinamico del malware in un ambiente protetto.

2. Analisi Statica (Initial Assessment)

Utilizzando **PeStudio**, sono stati estratti i metadati del file per identificare anomalie strutturali prima dell'esecuzione.

2.1 Librerie Importate e Funzionalità

Il malware carica 9 librerie principali. Oltre alle librerie standard per l'interfaccia grafica, spiccano moduli critici per la sicurezza:

- **ADVAPI32.dll**: Utilizzata per l'interazione con il Registro di sistema (possibile persistenza).
- **WS2_32.dll / WININET.dll**: Necessarie per stabilire connessioni di rete verso server esterni.
- **CRYPT32.dll**: Fornisce API per la crittografia dei dati.

pestudio 9.61 - Malware Initial Assessment - www.winitor.com | c:\users\flarevm\desktop\malware\notepad-classico.exe (read-only)

file settings about

c:\users\flarevm\desktop\malware\notepad-classico.exe	library (9)	flag (0)	type	imports (201)	description
indicators (sections > self-modifying)	comdlg32.dll	-	Implicit	9	Common Dialogs Library
footprints (type > sha256)	SHELL32.dll	-	Implicit	4	Windows Shell Library
virustotal (offline)	WINSPOOL.DRV	-	Implicit	3	Windows Spooler Driver
dos-header (size > 64 bytes)	COMCTL32.dll	-	Implicit	1	Common Controls Library
dos-stub (size > 160 bytes)	msvcrt.dll	-	Implicit	22	Microsoft C Runtime Library
rich-header (tooling > Visual Studio 2003)	ADVAPI32.dll	-	Implicit	7	Advanced Windows 32 Base API
file-header (executable > 32-bit)	KERNEL32.dll	-	Implicit	57	Windows NT BASE API Client
optional-header (subsystem > GUI)	GDI32.dll	-	Implicit	24	GDI Client Library
directories (count > 4)	USER32.dll	-	Implicit	74	Multi-User Windows USER API Client Library
sections (characteristics > self-modifying)					
libraries (count > 9)					
imports (flag > 18)					
exports (n/a)					
thread-local-storage (n/a)					
.NET (n/a)					
resources (count > 23)					
strings (count > 4462)					
debug (n/a)					
manifest (name > Microsoft.Windows.Shell.n)					
version (FileDescription > Blocco note)					
certificate (n/a)					
overlay (n/a)					

sha256 > D2E6C9F9273663F3218BCD7C8FB386F599FBC7A4BA986F9B8FF77E3603988F2 cpu > 32-bit file > type > executable subsystem > GUI entry-point > 0x

Evidenza PeStudio: Elenco delle 9 librerie caricate e relative descrizioni.

2.2 Analisi delle Sezioni PE

La struttura delle sezioni rivela un chiaro indicatore di **Packing**:

- **Sezione [3] (Senza nome):** Presenta i permessi **Write (W)** ed **Execute (X)** simultanei e il flag **self-modifying**. Questo significa che il codice malevolo viene scompattato e scritto in memoria durante l'esecuzione.
- **Entropia:** La sezione [3] presenta un'entropia elevata (6.428), tipica dei dati compressi o cifrati.

property	value	value	value	value	value
section	section[0]	section[1]	section[2]	section[3]	section[4]
name	.text	.data	.rsrc	.text	.idata
section > sha256	181352B212CAF80C7A8FEAF...	87CBB581163F3AABE623127...	5E074AE0754BC823C26E8C3...	0033E40079E7586AED87A86...	743DA029AE4...
entropy	6.214	1.149	5.421	6.428	5.439
file > ratio (99.65%)	10.62 %	0.71 %	12.57 %	61.59 %	1.59 %
raw-address (begin)	0x00000400	0x00007C00	0x00008400	0x00011200	0x0003CA00
raw-address (end)	0x00007C00	0x00008400	0x00011200	0x0003CA00	0x0003DC00
raw-size (385256 bytes)	0x00007800 (30720 bytes)	0x00000800 (2048 bytes)	0x00008E00 (36352 bytes)	0x0002B800 (178176 bytes)	0x00001200 (4608 bytes)
virtual-address (begin)	0x00001000	0x00008000	0x00008000	0x00014000	0x00040000
virtual-address (end)	0x0000E748	0x0000ABA8	0x000130B4	0x0003F6AC	0x0004113E
virtual-size (292414 bytes)	0x00007748 (30536 bytes)	0x00001BA8 (7080 bytes)	0x000080B4 (36276 bytes)	0x0002B6AC (177836 bytes)	0x0000113E (4558 bytes)
characteristics	0x00000020	0xC0000040	0x40000040	0xE0000020	0xC2000040
write	-	X	-	X	X
execute	X	-	-	X	-
share	-	-	-	-	-
self-modifying	-	-	-	X	-
virtual	-	-	-	-	-
items					
directory > import	-	-	-	-	0x00040000
directory > resource	-	-	-	-	-
directory > relocation	-	-	-	0x0003F698	-
directory > import-address	0x00001000	-	-	-	-
manifest	-	-	-	-	-
version	-	-	-	-	-
base-of-code	0x00001000	-	-	-	-
base-of-data	-	0x00009000	-	-	-
entry-point > location	-	-	-	0x00014000	-

sha256 > D2E6C9F9273663F3218BCD7C8FB386F599FBC7A4BA986F9B8FF77E3603988F2 cpu > 32-bit file > type > executable subsystem > GUI entry-point > 0x00014000

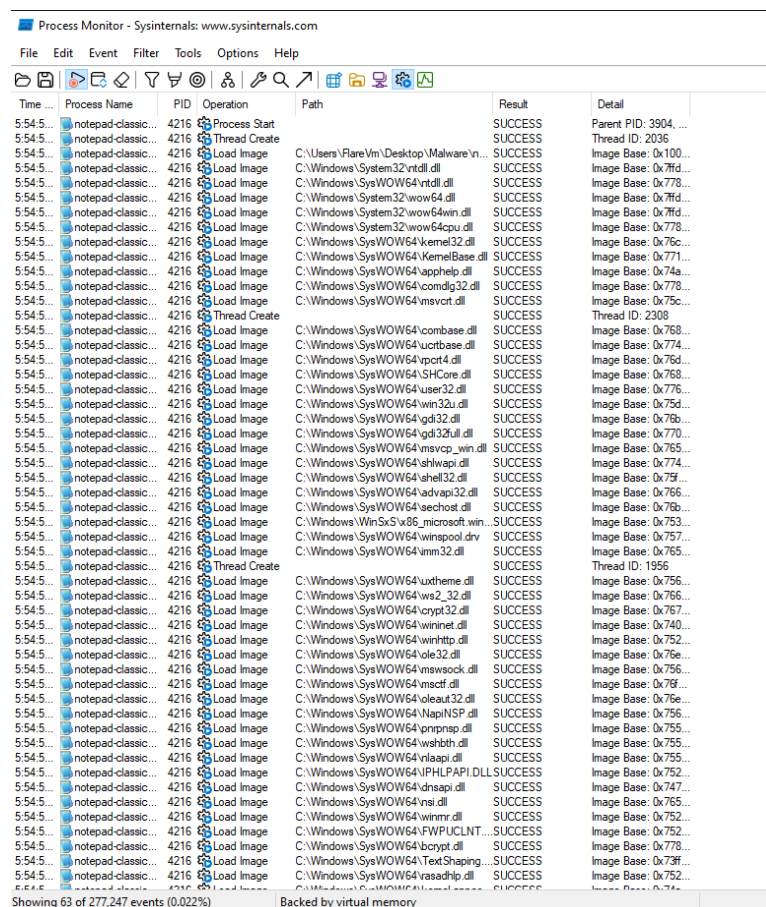
Dettaglio delle sezioni: Nota la sezione [3] evidenziata in rosso per i permessi anomali.

3. Analisi Dinamica (Behavioral Analysis)

Il malware è stato eseguito monitorando le chiamate di sistema tramite **Process Monitor** (ProcMon).

3.1 Avvio del Processo e Caricamento Moduli

Al momento dell'esecuzione, il processo `notepad-classico.exe` (PID 4216) carica dinamicamente le DLL identificate nell'analisi statica. Il log mostra il successo delle operazioni di **Load Image** per librerie come `ntdll.dll`, `kernel32.dll` e quelle legate al networking.



Process Monitor - Sysinternals: www.sysinternals.com						
File Edit Event Filter Tools Options Help						
Time	Process Name	PID	Operation	Path	Result	Detail
5:54:...	notepad-classic...	4216	Process Start		SUCCESS	Parent PID: 3904...
5:54:...	notepad-classic...	4216	Thread Create		SUCCESS	Thread ID: 2036
5:54:...	notepad-classic...	4216	Load Image	C:\Users\FlareVm\Desktop\Malware\...	SUCCESS	Image Base: 0x100...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\System32\ntdll.dll	SUCCESS	Image Base: 0x77fd...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\ntdll.dll	SUCCESS	Image Base: 0x7778...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\System32\wow64.dll	SUCCESS	Image Base: 0x77fd...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\System32\wow64cpu.dll	SUCCESS	Image Base: 0x7778...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\kernel32.dll	SUCCESS	Image Base: 0x775c...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\kernelbase.dll	SUCCESS	Image Base: 0x771...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\apphelp.dll	SUCCESS	Image Base: 0x74a...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\comdlg32.dll	SUCCESS	Image Base: 0x7778...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\msvrt.dll	SUCCESS	Image Base: 0x775c...
5:54:...	notepad-classic...	4216	Thread Create		SUCCESS	Thread ID: 2308
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\combase.dll	SUCCESS	Image Base: 0x7768...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\urlbase.dll	SUCCESS	Image Base: 0x7774...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\RPCRT4.dll	SUCCESS	Image Base: 0x776d...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\SHCore.dll	SUCCESS	Image Base: 0x7768...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\SHLWAPI.dll	SUCCESS	Image Base: 0x7776...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\win32u.dll	SUCCESS	Image Base: 0x775d...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\gdi32.dll	SUCCESS	Image Base: 0x776b...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\crypt32.dll	SUCCESS	Image Base: 0x7770...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\msvcp_win.dll	SUCCESS	Image Base: 0x7765...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\shlwapi.dll	SUCCESS	Image Base: 0x7774...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\shell32.dll	SUCCESS	Image Base: 0x777f...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\advapi32.dll	SUCCESS	Image Base: 0x7766...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\aeohost.dll	SUCCESS	Image Base: 0x776b...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\WinSxS\x86_microsoft.win...	SUCCESS	Image Base: 0x7753...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\winapi.dll	SUCCESS	Image Base: 0x7757...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\imm32.dll	SUCCESS	Image Base: 0x7765...
5:54:...	notepad-classic...	4216	Thread Create		SUCCESS	Thread ID: 1956
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\uxtheme.dll	SUCCESS	Image Base: 0x7756...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\ws2_32.dll	SUCCESS	Image Base: 0x7766...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\crypt32.dll	SUCCESS	Image Base: 0x7767...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\wininet.dll	SUCCESS	Image Base: 0x7740...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\winhttp.dll	SUCCESS	Image Base: 0x7752...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\ole32.dll	SUCCESS	Image Base: 0x776e...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\mswsock.dll	SUCCESS	Image Base: 0x7756...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\msctf.dll	SUCCESS	Image Base: 0x776f...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\oleaut32.dll	SUCCESS	Image Base: 0x776e...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\NapiNSP.dll	SUCCESS	Image Base: 0x7756...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\pnprp.dll	SUCCESS	Image Base: 0x7755...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\wsbth.dll	SUCCESS	Image Base: 0x7755...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\iaapi.dll	SUCCESS	Image Base: 0x7755...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\IPHLPAPI.DLL	SUCCESS	Image Base: 0x7752...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\dnsapi.dll	SUCCESS	Image Base: 0x7747...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\rsaui.dll	SUCCESS	Image Base: 0x7765...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\winmmr.dll	SUCCESS	Image Base: 0x7752...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\FWPUCLNT...	SUCCESS	Image Base: 0x7752...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\bcrypt.dll	SUCCESS	Image Base: 0x7778...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\TextShaping...	SUCCESS	Image Base: 0x773f...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\vasadhip.dll	SUCCESS	Image Base: 0x7752...
5:54:...	notepad-classic...	4216	Load Image	C:\Windows\SysWOW64\comctl32.dll	SUCCESS	Image Base: 0x774a...

Showing 63 of 277,247 events (0.022%) Backed by virtual memory

Log ProcMon: Visualizzazione dell'albero dei processi e del caricamento iniziale delle immagini (DLL).

3.2 Interazione con il File System e Registro

I log evidenziano un'intensa attività di sistema:

- **File System:** Chiamate **CreateFile** verso directory di sistema e file di prefetch per garantire l'esecuzione ottimizzata e il camuffamento.
- **Registry:** Operazioni di **RegOpenKey** e **RegQueryValue** su rami come **HKLM\Software\Microsoft\Windows\CurrentVersion**, tipiche della ricerca di punti di persistenza.

Process Monitor - Sysinternals: www.sysinternals.com

Time	Process Name	PID	Operation	Path	Result	Detail
5:54.5...	notepad-classic...	4216	CreateFile	C:\Windows\Prefetch\NOTEPAD-CLAS...	NAME NOT FOUND	Desired Access: (
5:54.5...	notepad-classic...	4216	CreateFile	C:\Windows	SUCCESS	Desired Access: I
5:54.5...	notepad-classic...	4216	CreateFile	C:\Windows\System32\wow64log.dll	NAME NOT FOUND	Desired Access: I
5:54.5...	notepad-classic...	4216	CreateFile	C:\Windows	SUCCESS	Desired Access: I
5:54.5...	notepad-classic...	4216	QueryNameInfo	C:\Windows	SUCCESS	Name: \Windows
5:54.5...	notepad-classic...	4216	CloseFile	C:\Windows	SUCCESS	
5:54.5...	notepad-classic...	4216	CreateFile	C:\Users\FIare\Vin\Desktop\Malware	SUCCESS	Desired Access: I
5:54.5...	notepad-classic...	4216	QueryNameInfo	C:\Windows\SysWOW64\KernelBase.dl	SUCCESS	Name: \Windows
5:54.5...	notepad-classic...	4216	QueryNameInfo	C:\Windows\SysWOW64\KernelBase.dl	SUCCESS	Name: \Windows
5:54.5...	notepad-classic...	4216	CreateFile	C:\Windows\SysWOW64\apphelp.dll	SUCCESS	Desired Access: I
5:54.5...	notepad-classic...	4216	QueryBasicInfo	C:\Windows\SysWOW64\apphelp.dll	SUCCESS	CreationTime: 12
5:54.5...	notepad-classic...	4216	CreateFile	C:\Windows\SysWOW64\apphelp.dll	SUCCESS	Desired Access: I
5:54.5...	notepad-classic...	4216	CloseFile	C:\Windows\SysWOW64\apphelp.dll	SUCCESS	
5:54.5...	notepad-classic...	4216	CreateFileMap	C:\Windows\SysWOW64\apphelp.dll	FILE LOCKED WI...	SyncType: Sync1
5:54.5...	notepad-classic...	4216	CreateFileMap	C:\Windows\SysWOW64\apphelp.dll	SUCCESS	SyncType: Sync1
5:54.5...	notepad-classic...	4216	QueryNameInfo	C:\Windows\SysWOW64\apphelp.dll	SUCCESS	Name: \Windows
5:54.5...	notepad-classic...	4216	QueryNameInfo	C:\Windows\SysWOW64\apphelp.dll	SUCCESS	Name: \Windows
5:54.5...	notepad-classic...	4216	CreateFile	C:\Users\FIare\Vin\Desktop\Malware\i...	SUCCESS	Desired Access: I
5:54.5...	notepad-classic...	4216	QuerySecurityFile	C:\Users\FIare\Vin\Desktop\Malware\i...	BUFFER OVERFL...	Information: Own
5:54.5...	notepad-classic...	4216	QuerySecurityFile	C:\Users\FIare\Vin\Desktop\Malware\i...	SUCCESS	Information: Own
5:54.5...	notepad-classic...	4216	CloseFile	C:\Users\FIare\Vin\Desktop\Malware\i...	SUCCESS	
5:54.5...	notepad-classic...	4216	CreateFile	C:\Windows\SysWOW64\ntdll.dll	SUCCESS	Desired Access: I
5:54.5...	notepad-classic...	4216	QuerySecurityFile	C:\Windows\SysWOW64\ntdll.dll	BUFFER OVERFL...	Information: Own
5:54.5...	notepad-classic...	4216	QuerySecurityFile	C:\Windows\SysWOW64\ntdll.dll	SUCCESS	Information: Own
5:54.5...	notepad-classic...	4216	CloseFile	C:\Windows\SysWOW64\ntdll.dll	SUCCESS	
5:54.5...	notepad-classic...	4216	CreateFile	C:\Windows\SysWOW64\kernel32.dll	SUCCESS	Desired Access: I
5:54.5...	notepad-classic...	4216	QuerySecurityFile	C:\Windows\SysWOW64\kernel32.dll	BUFFER OVERFL...	Information: Own
5:54.5...	notepad-classic...	4216	QuerySecurityFile	C:\Windows\SysWOW64\kernel32.dll	SUCCESS	Information: Own
5:54.5...	notepad-classic...	4216	CloseFile	C:\Windows\SysWOW64\kernel32.dll	SUCCESS	
5:54.5...	notepad-classic...	4216	CreateFile	C:\Windows\SysWOW64\KernelBase.dl	SUCCESS	Desired Access: I
5:54.5...	notepad-classic...	4216	QuerySecurityFile	C:\Windows\SysWOW64\KernelBase.dl	BUFFER OVERFL...	Information: Own
5:54.5...	notepad-classic...	4216	QuerySecurityFile	C:\Windows\SysWOW64\KernelBase.dl	SUCCESS	Information: Own
5:54.5...	notepad-classic...	4216	CloseFile	C:\Windows\SysWOW64\KernelBase.dl	SUCCESS	
5:54.5...	notepad-classic...	4216	CreateFile	C:\Windows\apppatch\sysmain.sdb	SUCCESS	Desired Access: (
5:54.5...	notepad-classic...	4216	QueryStandard	C:\Windows\apppatch\sysmain.sdb	SUCCESS	AllocationSize: 4)
5:54.5...	notepad-classic...	4216	QueryStandard	C:\Windows\apppatch\sysmain.sdb	SUCCESS	AllocationSize: 4)
5:54.5...	notepad-classic...	4216	CreateFileMap	C:\Windows\apppatch\sysmain.sdb	FILE LOCKED WI...	SyncType: Sync1
5:54.5...	notepad-classic...	4216	CreateFileMap	C:\Windows\apppatch\sysmain.sdb	SUCCESS	AllocationSize: 4)
5:54.5...	notepad-classic...	4216	CreateFile	C:\Users\FIare\Vin\Desktop\Malware\i...	SUCCESS	Desired Access: I
5:54.5...	notepad-classic...	4216	QuerySecurityFile	C:\Users\FIare\Vin\Desktop\Malware\i...	SUCCESS	Information: Own
5:54.5...	notepad-classic...	4216	QueryStandard	C:\Windows\apppatch\sysmain.sdb	SUCCESS	AllocationSize: 4)
5:54.5...	notepad-classic...	4216	CloseFile	C:\Windows\apppatch\sysmain.sdb	SUCCESS	CreationTime: 12
5:54.5...	notepad-classic...	4216	CloseFile	C:\Users\FIare\Vin\Desktop\Malware\i...	SUCCESS	CreationTime: 2/2
5:54.5...	notepad-classic...	4216	CloseFile	C:\Users\FIare\Vin\Desktop\Malware\i...	SUCCESS	
5:54.5...	notepad-classic...	4216	CreateFile	C:\Users\FIare\Vin\Desktop\Malware\i...	SUCCESS	Desired Access: I
5:54.5...	notepad-classic...	4216	QuerySecurityFile	C:\Users\FIare\Vin\Desktop\Malware\i...	SUCCESS	Information: Own
5:54.5...	notepad-classic...	4216	QueryBasicInfo	C:\Users\FIare\Vin\Desktop\Malware\i...	SUCCESS	CreationTime: 2/2
5:54.5...	notepad-classic...	4216	CloseFile	C:\Users\FIare\Vin\Desktop\Malware\i...	SUCCESS	
5:54.5...	notepad-classic...	4216	CloseFile	C:\Windows\apppatch\sysmain.sdb	SUCCESS	Desired Access: (

Showing 791 of 265,140 events (0.29%) Backed by virtual memory

Dettaglio delle operazioni su File (CreateFile)

Process Monitor - Sysinternals: www.sysinternals.com

File Edit Event Filter Tools Options Help

Process Monitor - Sysinternals: www.sysinternals.com

Time ...	Process Name	PID	Operation	Path	Result	Detail
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\System\CurrentControlSet\Contr...	REPARSE	Desired Access: Q...
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\System\CurrentControlSet\Contr...	SUCCESS	Desired Access: Q...
5:54:5...	notepad-classic...	4216	RegQueryValue	HKLM\System\CurrentControlSet\Contr...	NAME NOT FOUND	Length: 80
5:54:5...	notepad-classic...	4216	RegCloseKey	HKLM\System\CurrentControlSet\Contr...	SUCCESS	
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\SYSTEM\CurrentControlSet\Con...	REPARSE	Desired Access: Q...
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\System\CurrentControlSet\Contr...	NAME NOT FOUND	Desired Access: Q...
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\SYSTEM\CurrentControlSet\Con...	REPARSE	Desired Access: Q...
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\System\CurrentControlSet\Contr...	SUCCESS	Desired Access: Q...
5:54:5...	notepad-classic...	4216	RegQueryValue	HKLM\System\CurrentControlSet\Contr...	NAME NOT FOUND	Length: 24
5:54:5...	notepad-classic...	4216	RegCloseKey	HKLM\System\CurrentControlSet\Contr...	SUCCESS	
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\System\CurrentControlSet\Contr...	SUCCESS	Desired Access: R...
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\System\CurrentControlSet\Contr...	SUCCESS	Desired Access: R...
5:54:5...	notepad-classic...	4216	RegQueryValue	HKLM\System\CurrentControlSet\Contr...	SUCCESS	Type: REG_SZ, Le...
5:54:5...	notepad-classic...	4216	RegCloseKey	HKLM\System\CurrentControlSet\Contr...	SUCCESS	
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\System\CurrentControlSet\Contr...	REPARSE	Desired Access: Q...
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\System\CurrentControlSet\Contr...	SUCCESS	Desired Access: R...
5:54:5...	notepad-classic...	4216	RegSetInfoKey	HKLM\Software\Microsoft\Wow64\...	NAME NOT FOUND	Length: 520
5:54:5...	notepad-classic...	4216	RegQueryValue	HKLM\SOFTWARE\Microsoft\Wow64\...	SUCCESS	Type: REG_SZ, Le...
5:54:5...	notepad-classic...	4216	RegCloseKey	HKLM\SOFTWARE\Microsoft\Wow64\...	SUCCESS	
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\System\CurrentControlSet\Contr...	REPARSE	Desired Access: Q...
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\System\CurrentControlSet\Contr...	SUCCESS	Desired Access: Q...
5:54:5...	notepad-classic...	4216	RegSetInfoKey	HKLM\System\CurrentControlSet\Contr...	SUCCESS	KeySetInformation...
5:54:5...	notepad-classic...	4216	RegQueryValue	HKLM\System\CurrentControlSet\Contr...	NAME NOT FOUND	Length: 80
5:54:5...	notepad-classic...	4216	RegCloseKey	HKLM\System\CurrentControlSet\Contr...	SUCCESS	
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\SYSTEM\CurrentControlSet\Con...	REPARSE	Desired Access: Q...
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\SYSTEM\CurrentControlSet\Con...	NAME NOT FOUND	Desired Access: Q...
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\SYSTEM\CurrentControlSet\Con...	REPARSE	Desired Access: Q...
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\System\CurrentControlSet\Contr...	SUCCESS	Desired Access: Q...
5:54:5...	notepad-classic...	4216	RegSetInfoKey	HKLM\System\CurrentControlSet\Contr...	SUCCESS	KeySetInformation...
5:54:5...	notepad-classic...	4216	RegQueryValue	HKLM\System\CurrentControlSet\Contr...	NAME NOT FOUND	Length: 24
5:54:5...	notepad-classic...	4216	RegCloseKey	HKLM\System\CurrentControlSet\Contr...	SUCCESS	
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\System\CurrentControlSet\Contr...	REPARSE	Desired Access: R...
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\System\CurrentControlSet\Contr...	NAME NOT FOUND	Desired Access: R...
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\System\CurrentControlSet\Contr...	REPARSE	Desired Access: Q...
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\Software\Wow6432Node\Polic...	REPARSE	Desired Access: Q...
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\SOFTWARE\Policies\Microsoft\...	SUCCESS	Desired Access: Q...
5:54:5...	notepad-classic...	4216	RegSetInfoKey	HKLM\SOFTWARE\Policies\Microsoft\...	SUCCESS	KeySetInformation...
5:54:5...	notepad-classic...	4216	RegQueryValue	HKLM\SOFTWARE\Policies\Microsoft\...	NAME NOT FOUND	Length: 80
5:54:5...	notepad-classic...	4216	RegCloseKey	HKLM\SOFTWARE\Policies\Microsoft\...	SUCCESS	
5:54:5...	notepad-classic...	4216	RegOpenKey	HKCU\Software\Policies\Microsoft\Win...	NAME NOT FOUND	Desired Access: Q...
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\System\CurrentControlSet\Contr...	REPARSE	Desired Access: R...
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\System\CurrentControlSet\Contr...	SUCCESS	Desired Access: R...
5:54:5...	notepad-classic...	4216	RegSetInfoKey	HKLM\System\CurrentControlSet\Contr...	SUCCESS	KeySetInformation...
5:54:5...	notepad-classic...	4216	RegQueryValue	HKLM\System\CurrentControlSet\Contr...	SUCCESS	Type: REG_DWORD...
5:54:5...	notepad-classic...	4216	RegCloseKey	HKLM\System\CurrentControlSet\Contr...	SUCCESS	
5:54:5...	notepad-classic...	4216	RegQueryValue	HKLM\System\CurrentControlSet\Contr...	NAME NOT FOUND	Length: 528
5:54:5...	notepad-classic...	4216	RegOpenKey	HKLM\Software\WOW6432Node\Micr...	SUCCESS	Desired Access: Q...
5:54:5...	notepad-classic...	4216	RegSetInfoKey	HKLM\SOFTWARE\WOW6432Node\...	SUCCESS	KeySetInformation...

Showing 1,046 of 228,365 events (0.45%) Backed by virtual memory

Dettaglio Registro (RegOpenKey).

3.3 Profiling del Processo

Durante l'esecuzione, il malware mantiene un'attività costante di profiling, monitorando l'utilizzo delle risorse per evitare crash o per rilevare ambienti di analisi.

