

Antivirus Event Analysis Cheat Sheet

Version 1.4

Florian Roth @cyb3rops



| Attribute | Less Relevant | Relevant | Highly Relevant |
|--|--|--|--|
| Virus Type | HTML Iframe Keygen Joke Adware Clickjacking Crypto FakeAV | Trojan Backdoor Agent Malware JS Creds PS PowerShell Exploit Ransom | HackTool (HTool) HKTL PWCrack Scan SecurityTool Clearlogs PHP/BackDoor ASP/BackDoor JSP/BackDoor Backdoor.PHP Backdoor.ASP Backdoor.JSP Webshell NetTool DumpCreds CobaltStrike Keylogger |
| Location | Temporary Internet Files Removable Drive (E:, F:, ...) | AppData \$Recycle.bin User's %Temp% (e.g. %AppData%\Temp) | %SystemRoot% (e.g. C:\Windows) C:\ C:\Temp C:\Windows\Temp \\Client\[A-Z]\$ (remote session client drive) C:\PerfLogs C:\Users\Public C:\Users\Default Other dirs writable for Administrators only |
| User Context | | Standard User | Administrator Service Account |
| System | File Server Email Server Ticket System | Workstation Other Server Type | Domain Controller Print Server DMZ Server Jump Server Admin Workstation |
| Form / Type | Common Archive (ZIP) | Not Archived / Extracted Uncommon Archive (RAR, 7z, encrypted Archive) | File Types: .PS1 .RTF .VBS .BAT .CHM .XML .TXT .JSP .JSPX .ASP .ASPX .PHP .WAR |
| Time | | Regular Work Hours | Outside Regular Work Hours |
| Virustotal Check (Requires Hash / Sample) | Notes > "Probably harmless" "Microsoft software catalogue" | Comments > Negative user comments Additional Information > Tags > CVE-* FileVersionInfo properties > empty or non-existent Additional Information > File names: *.virus Additional Information > File names: hash value as file name Packers identified > Uncommon Packers like: PECompact, VMProtect, Telock, Petite, WinUnpack, ASProtect | File Detail > Revoked certificate Packers identified > Rare Packers like: Themida, Enigma, ApLib, Tasm, ExeCryptor, MPRESS, ConfuserEx Comments > THOR APT Scanner: "Hacktools", "Threat Groups", "Webshell", "Cobalt Strike", "Empire", "Mimikatz", "Veil", "Privilege Escalation", "Password Dumper", "Password Tools", "Koadic", "Elevation" |