

Antivirus Event Analysis Cheat Sheet

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Attribute	Less Relevant	Relevant	Highly Relevant		
Virus Type	HTML Iframe Keygen Joke Adware Clickjacking Crypto FakeAV Tool-Nmap	Trojan Backdoor Agent Malware JS Creds PS PowerShell Exploit PassView Tool-Netcat RemAdm NetTool Crypto Scan Clearlogs Miner Wacatac	HackTool HTool HKTL PWCrack SecurityTool PHP/BackDoor ASP/BackDoor JSP/BackDoor Backdoor.PHP Backdoor.ASP Backdoor.JSP Webshell DumpCreds MPreter Koadic Razy ATK/ Ransom Filecoder Packed.Generic.347 Sliver	CobaltStr COBEACON Cometer Keylogger MeterTool Meterpreter Metasploit PowerSSH Mimikatz PowerSploit PSWTool PWDump Swrort Rozena Backdoor.Cobalt PShISpy IISExchgSpawnCMD Exploit.Script.CVE Chopper Brutel	BruteR PWSX PWS. Ryuk Cryptor Cryptor Destructor TeslaCrypt Locker Phobos Seatbelt Sbelt SharpDump Tscrypt CRYPTES Krypt GrandCrab Ryzerlo Blackworm
Location	Temp Internet Files Removable Drive (E:, F:, ...) All other folders	C:\Temp \$Recycle.bin C:\ProgramData C:\Users\Public C:\Users\All Users AppData\Local\Temp AppData\Roaming\Temp C:\Windows\Temp	C:\Windows\System32 C:\Windows C:\ \\Client\[A-Z]\$ (remote session client drive) \\tsclient<drive> C:\PerfLogs \FrontEnd\HttpProxy\owa\auth\ \inetpub\wwwroot\aspnet_client\ *\$ (execution on remote host) Other directories that are writable for Administrators only		
User Context		Standard User	Administrative Account Service Account		
System	File Server Ticket System	Workstation Email Server Other Server Type	Domain Controller Print Server DMZ Server Jump Server Admin Workstation Application Proxy Connector		
Form / Type	Common Archive (ZIP)	Not Archived / Extracted, Uncommon Archive (RAR, 7z, encrypted Archive)	File Extensions: .ASP .ASPX .BAT .CHM .HTA .JSP .JSPX .JAR .LNK .PHP .PS1 .SCF .TXT .VBS .WAR .WSF .WSH .XML .CS .JPG .JPEG .GIF .PNG .DAT .CS .CAB .ISO .JNLP .IMG .DIAGCAB .APPX		
Time		Regular Work Hours	Outside Regular Work Hours		
Google Search (File Name)		Well-known Malware (e.g., mssecsvc.exe) or no result at all	APT related file mentioned in report		
VirusTotal (Requires Hash / Sample)	Notes > "Probably harmless", "Microsoft software catalogue" Tags > trusted, known-distributor, zero-filled File Size > Less than 16 byte (most likely an empty file, error page etc.)	Comments > Negative user comments Tags > url-pattern, auto-open, obfuscated File names > *.virus Packers identified > Uncommon Packers like: PECompact, VMProtect, Telock, Petite, WinUnpack, ASPProtect Suspicious combinations > e.g. UPX, RARSFX, 7ZSFX and Microsoft Copyright	File Detail > Revoked certificate Tags > spreader, dropper, cve-20*, exploit, revoked-cert 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", "Koadic", "Elevation", "Winnti"		