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 MeteTool Meterpreter Metasploit PowerSSH Mimikatz PowerSploit PSWTool PWDump Swrort Rozena Backdoor.Cobalt PShlSpy IISExchgSpawnCMD Exploit.Script.CVE Chopper Brutel BruteRatel
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	
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, ASProtect **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”	