

# WFA Writeup cybereagle2001 HackMaze V0.2

## I – WFA 1:



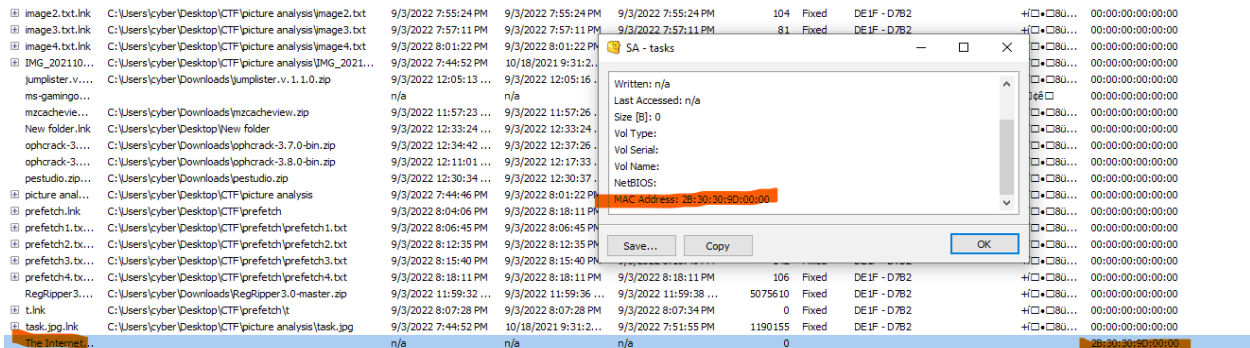
WFA means Windows File Analyser it's so important while investigating cyber crime to collect information about the hackers or the victims system in order to understand the actions and the life cycle of the different type of files the OS use and one of these files which are so interesting are the ICON's on the desktop.

The icons on the system can give us a lot of information about the computer and the behaviour of the user. One of these data is the MAC address let's try to use the WFA.exe to analyse the icons in the task.zip file:

After loading the shortcuts in the WFA tool we will get the following :

Filename	Linked path	Created	Written	Last Accessed	Size [B]	Vol Type	Vol Serial	Vol Name	FileSize	MAC Address
chromeach...	C:\Users\cyber\Downloads\chromeachview.ap	9/3/2022 11:56:34 ...	9/3/2022 11:56:36 ...	9/3/2022 11:56:38 ...	26498	Fixed	DEF-0782			00:00:00:00:00:00
CTP Ink	C:\Users\cyber\Desktop\CTP	9/3/2022 11:40:28 PM	9/3/2022 12:04:09 PM	9/3/2022 12:05:24 PM	0	Fixed	DEF-0782			00:00:00:00:00:00
Desktop Ink	C:\Users\cyber\Desktop	9/3/2022 11:30:22 ...	9/3/2022 12:33:39 ...	9/3/2022 12:33:49 ...	4096	Fixed	DEF-0782			00:00:00:00:00:00
InternetRef...	C:\Users\cyber\Desktop\InternetRef-v4.ap	9/3/2022 12:09:34 ...	9/3/2022 12:09:38 ...	9/3/2022 12:09:42 ...	90836	Fixed	DEF-0782			00:00:00:00:00:00
image1.txt.ik	C:\Users\cyber\Desktop\CTP\picture analysis\image1.txt	9/3/2022 12:53:17 PM	9/3/2022 12:53:17 PM	9/3/2022 12:53:17 PM	142	Fixed	DEF-0782			00:00:00:00:00:00
image2.txt.ik	C:\Users\cyber\Desktop\CTP\picture analysis\image2.txt	9/3/2022 12:53:24 PM	9/3/2022 12:53:24 PM	9/3/2022 12:53:24 PM	104	Fixed	DEF-0782			00:00:00:00:00:00
image3.txt.ik	C:\Users\cyber\Desktop\CTP\picture analysis\image3.txt	9/3/2022 12:53:11 PM	9/3/2022 12:53:11 PM	9/3/2022 12:53:11 PM	81	Fixed	DEF-0782			00:00:00:00:00:00
image4.txt.ik	C:\Users\cyber\Desktop\CTP\picture analysis\image4.txt	9/3/2022 12:53:12 PM	9/3/2022 12:53:12 PM	9/3/2022 12:53:12 PM	100	Fixed	DEF-0782			00:00:00:00:00:00
img_202110...	C:\Users\cyber\Desktop\CTP\picture analysis\img_2021...	9/3/2022 12:44:52 PM	10/18/2021 9:31:2 ...	9/3/2022 12:44:58 PM	1190155	Fixed	DEF-0782			00:00:00:00:00:00
jumpster.v...	C:\Users\cyber\Desktop\jumpster_v... 1.1.0.ap	9/3/2022 12:05:12 ...	9/3/2022 12:05:18 ...	9/3/2022 12:05:58 ...	572230	Fixed	DEF-0782			00:00:00:00:00:00
ms-gaming...		n/a	n/a	n/a	0					00:00:00:00:00:00
msachieve...	C:\Users\cyber\Desktop\msachieve.ap	9/3/2022 11:57:23 ...	9/3/2022 11:57:26 ...	9/3/2022 11:57:28 ...	26550	Fixed	DEF-0782			00:00:00:00:00:00
New folder Ink	C:\Users\cyber\Desktop\New folder	9/3/2022 12:33:24 ...	9/3/2022 12:33:24 ...	9/3/2022 12:33:25 ...	0	Fixed	DEF-0782			00:00:00:00:00:00
gchroch-3...	C:\Users\cyber\Desktop\gchroch-3.7.0.ap	9/3/2022 12:34:42 ...	9/3/2022 12:37:26 ...	9/3/2022 12:37:33 ...	1303968	Fixed	DEF-0782			00:00:00:00:00:00
gchroch-5...	C:\Users\cyber\Desktop\gchroch-5.0.0.ap	9/3/2022 12:11:01 ...	9/3/2022 12:17:52 ...	9/3/2022 12:20:27 ...	1083058	Fixed	DEF-0782			00:00:00:00:00:00
pestrub.ap...	C:\Users\cyber\Desktop\pestrub.ap	9/3/2022 12:30:34 ...	9/3/2022 12:30:37 ...	9/3/2022 12:30:40 ...	1138942	Fixed	DEF-0782			00:00:00:00:00:00
picture anal...	C:\Users\cyber\Desktop\CTP\picture analysis	9/3/2022 12:44:46 PM	9/3/2022 12:45:22 PM	9/3/2022 12:45:22 PM	4096	Fixed	DEF-0782			00:00:00:00:00:00
perftech.1...	C:\Users\cyber\Desktop\CTP\perftech	9/3/2022 12:06:06 PM	9/3/2022 12:06:11 PM	9/3/2022 12:06:11 PM	9834	Fixed	DEF-0782			00:00:00:00:00:00
perftech.1...	C:\Users\cyber\Desktop\CTP\perftech\perftech1.txt	9/3/2022 12:06:45 PM	9/3/2022 12:06:45 PM	9/3/2022 12:06:45 PM	287	Fixed	DEF-0782			00:00:00:00:00:00
perftech.2...	C:\Users\cyber\Desktop\CTP\perftech\perftech2.txt	9/3/2022 12:12:35 PM	9/3/2022 12:12:35 PM	9/3/2022 12:12:35 PM	131	Fixed	DEF-0782			00:00:00:00:00:00
perftech.3...	C:\Users\cyber\Desktop\CTP\perftech\perftech3.txt	9/3/2022 12:14:45 PM	9/3/2022 12:14:45 PM	9/3/2022 12:14:45 PM	142	Fixed	DEF-0782			00:00:00:00:00:00
perftech.4...	C:\Users\cyber\Desktop\CTP\perftech\perftech4.txt	9/3/2022 12:18:11 PM	9/3/2022 12:18:11 PM	9/3/2022 12:18:11 PM	106	Fixed	DEF-0782			00:00:00:00:00:00
flagkaper.3...	C:\Users\cyber\Desktop\flagkaper.3.0-master.ap	9/3/2022 11:59:32 ...	9/3/2022 11:59:36 ...	9/3/2022 11:59:38 ...	5075630	Fixed	DEF-0782			00:00:00:00:00:00
task...	C:\Users\cyber\Desktop\CTP\perftech	9/3/2022 12:07:28 PM	9/3/2022 12:07:28 PM	9/3/2022 12:07:28 PM	0	Fixed	DEF-0782			00:00:00:00:00:00
task.jpg	C:\Users\cyber\Desktop\CTP\picture analysis\task.jpg	9/3/2022 12:44:52 PM	10/18/2021 9:31:2 ...	9/3/2022 12:44:58 PM	1190155	Fixed	DEF-0782			00:00:00:00:00:00
The Internet...		n/a	n/a	n/a	0					28:30:30:00:00:00
videlity_2...	C:\Users\cyber\Desktop\videlity_2_A_vml4_stand...	9/3/2022 11:53:00 ...	9/3/2022 11:53:09 ...	9/3/2022 11:53:11 ...	15565637	Fixed	DEF-0782			00:00:00:00:00:00
WFA.ink	C:\Users\cyber\Desktop\WFA.ink	9/3/2022 11:46:44 ...	9/3/2022 11:47:02 ...	9/3/2022 11:47:05 ...	2099639	Fixed	DEF-0782			00:00:00:00:00:00
wppreftech...	C:\Users\cyber\Desktop\wppreftech-v4.ap	9/3/2022 12:25:15 ...	9/3/2022 12:25:17 ...	9/3/2022 12:25:19 ...	68840	Fixed	DEF-0782			00:00:00:00:00:00
WP Res feat...	C:\Users\cyber\Desktop\WP Res feat	9/3/2022 12:33:24 ...	9/3/2022 12:33:24 ...	9/3/2022 12:33:40 ...	0	Fixed	DEF-0782			00:00:00:00:00:00

let's focus on the internet.ink Icon and see what MAC address it has :



File Name	Path	Created	Written	Last Accessed	Size [B]	Vol Type	Vol Serial	Vol Name	NetBIOS	MAC Address
image2.txt	C:\Users\cyber\Desktop\CTF\picture analysis\image2.txt	9/3/2022 7:55:24 PM	9/3/2022 7:55:24 PM	9/3/2022 7:55:24 PM	104	Fixed	DE IF - D7B2			00:00:00:00:00:00
image3.txt	C:\Users\cyber\Desktop\CTF\picture analysis\image3.txt	9/3/2022 7:57:11 PM	9/3/2022 7:57:11 PM	9/3/2022 7:57:11 PM	81	Fixed	DE IF - D7B2			00:00:00:00:00:00
image4.txt	C:\Users\cyber\Desktop\CTF\picture analysis\image4.txt	9/3/2022 8:01:22 PM	9/3/2022 8:01:22 PM	9/3/2022 8:01:22 PM						00:00:00:00:00:00
IMG_202110...	C:\Users\cyber\Desktop\CTF\picture analysis\IMG_202110...	9/3/2022 7:44:52 PM	10/18/2021 9:31:2...	9/3/2022 7:55:24 PM						00:00:00:00:00:00
jumpster.v...	C:\Users\cyber\Downloads\jumpster.v.1.1.0.zip	9/3/2022 12:05:13 ...	9/3/2022 12:05:16 ...	9/3/2022 12:05:16 ...	n/a					00:00:00:00:00:00
ms-gamingo...	C:\Users\cyber\Downloads\ms-gamingo...	9/3/2022 11:57:23 ...	9/3/2022 11:57:26 ...	9/3/2022 11:57:26 ...	n/a					00:00:00:00:00:00
new folder.lnk	C:\Users\cyber\Desktop\New folder	9/3/2022 12:33:24 ...	9/3/2022 12:33:24 ...	9/3/2022 12:33:24 ...	n/a					00:00:00:00:00:00
ophcrack-3....	C:\Users\cyber\Downloads\ophcrack-3.7.0-bin.zip	9/3/2022 12:34:42 ...	9/3/2022 12:37:26 ...	9/3/2022 12:37:26 ...	n/a					00:00:00:00:00:00
ophcrack-3....	C:\Users\cyber\Downloads\ophcrack-3.8.0-bin.zip	9/3/2022 12:11:01 ...	9/3/2022 12:17:33 ...	9/3/2022 12:17:33 ...	n/a					00:00:00:00:00:00
pestudio.zip...	C:\Users\cyber\Downloads\pestudio.zip	9/3/2022 12:30:34 ...	9/3/2022 12:30:37 ...	9/3/2022 12:30:37 ...	n/a					00:00:00:00:00:00
picture anal...	C:\Users\cyber\Desktop\CTF\picture analysis	9/3/2022 7:44:46 PM	9/3/2022 8:01:22 PM	9/3/2022 8:01:22 PM	n/a					00:00:00:00:00:00
prefetch.lnk	C:\Users\cyber\Desktop\CTF\prefetch	9/3/2022 8:04:06 PM	9/3/2022 8:12:35 PM	9/3/2022 8:12:35 PM	n/a					00:00:00:00:00:00
prefetch1.bx...	C:\Users\cyber\Desktop\CTF\prefetch\prefetch1.txt	9/3/2022 8:06:45 PM	9/3/2022 8:06:45 PM	9/3/2022 8:06:45 PM	n/a					00:00:00:00:00:00
prefetch2.bx...	C:\Users\cyber\Desktop\CTF\prefetch\prefetch2.txt	9/3/2022 8:15:40 PM	9/3/2022 8:15:40 PM	9/3/2022 8:15:40 PM	n/a					00:00:00:00:00:00
prefetch3.bx...	C:\Users\cyber\Desktop\CTF\prefetch\prefetch3.txt	9/3/2022 8:15:40 PM	9/3/2022 8:15:40 PM	9/3/2022 8:15:40 PM	n/a					00:00:00:00:00:00
prefetch4.bx...	C:\Users\cyber\Desktop\CTF\prefetch\prefetch4.txt	9/3/2022 8:15:40 PM	9/3/2022 8:15:40 PM	9/3/2022 8:15:40 PM	n/a					00:00:00:00:00:00
RegRipper 3...	C:\Users\cyber\Downloads\RegRipper 3.0-master.zip	9/3/2022 11:59:32 ...	9/3/2022 11:59:36 ...	9/3/2022 11:59:38 ...	5075610	Fixed	DE IF - D7B2			00:00:00:00:00:00
t.lnk	C:\Users\cyber\Desktop\CTF\prefetch	9/3/2022 8:07:28 PM	9/3/2022 8:07:28 PM	9/3/2022 8:07:34 PM	0	Fixed	DE IF - D7B2			00:00:00:00:00:00
task.jpg.lnk	C:\Users\cyber\Desktop\CTF\picture analysis\task.jpg	9/3/2022 7:44:52 PM	10/18/2021 9:31:2...	9/3/2022 7:55:24 PM	1190155	Fixed	DE IF - D7B2			00:00:00:00:00:00
The Internet.ink	n/a	n/a	n/a	n/a	0					2B:30:30:9D:00:00

We can see that our MAC address is 2B:30:30:9D:00:00 the flag to submit  
ESFST{2B:30:30:9D:00:00}

## II – WFA 2 :

Challenge

1 Solves

# WFA 2

## 250

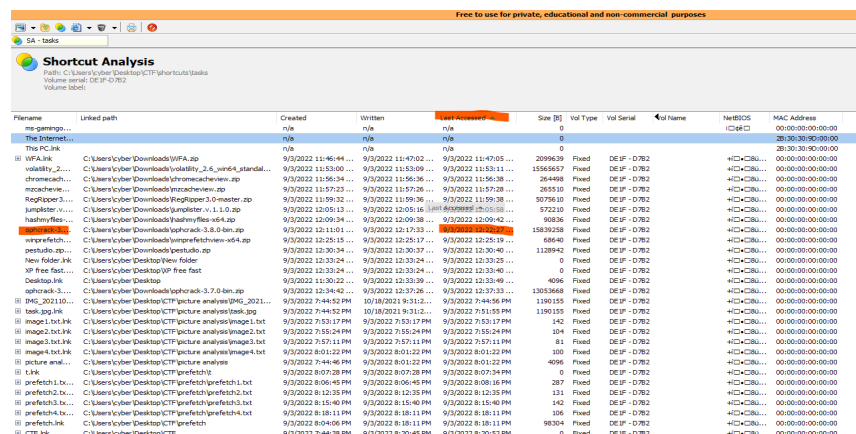
when the hacker last accessed ophcrack tool??

author: cybereagle2001

Flag

Submit

using the WFA.exe we can retrieve the timing last time the user accessed the software through the timing he accessed the icon. This is how we can know for example the last time he cracked a password and that one can be a good proof if he can be a hacker we are trying to validate. To do so we can verify the time stamp by sorting the icons using the last time they been accessed :



Filename	Linked path	Created	Written	Last Accessed	Size [B]	Vol Type	Vol Serial	Vol Name	NetBIOS	MAC Address
ms-gamingo...	C:\Users\cyber\Downloads\ms-gamingo...	9/3/2022 11:57:23 ...	9/3/2022 11:57:26 ...	9/3/2022 11:57:26 ...	104	Fixed	DE IF - D7B2			00:00:00:00:00:00
new folder.lnk	C:\Users\cyber\Desktop\New folder	9/3/2022 12:33:24 ...	9/3/2022 12:33:24 ...	9/3/2022 12:33:24 ...	n/a					00:00:00:00:00:00
ophcrack-3....	C:\Users\cyber\Downloads\ophcrack-3.7.0-bin.zip	9/3/2022 12:34:42 ...	9/3/2022 12:37:26 ...	9/3/2022 12:37:26 ...	n/a					00:00:00:00:00:00
ophcrack-3....	C:\Users\cyber\Downloads\ophcrack-3.8.0-bin.zip	9/3/2022 12:11:01 ...	9/3/2022 12:17:33 ...	9/3/2022 12:17:33 ...	n/a					00:00:00:00:00:00
pestudio.zip...	C:\Users\cyber\Downloads\pestudio.zip	9/3/2022 12:30:34 ...	9/3/2022 12:30:37 ...	9/3/2022 12:30:37 ...	n/a					00:00:00:00:00:00
picture anal...	C:\Users\cyber\Desktop\CTF\picture analysis	9/3/2022 7:44:46 PM	9/3/2022 8:01:22 PM	9/3/2022 8:01:22 PM	n/a					00:00:00:00:00:00
prefetch.lnk	C:\Users\cyber\Desktop\CTF\prefetch	9/3/2022 8:04:06 PM	9/3/2022 8:12:35 PM	9/3/2022 8:12:35 PM	n/a					00:00:00:00:00:00
prefetch1.bx...	C:\Users\cyber\Desktop\CTF\prefetch\prefetch1.txt	9/3/2022 8:06:45 PM	9/3/2022 8:06:45 PM	9/3/2022 8:06:45 PM	n/a					00:00:00:00:00:00
prefetch2.bx...	C:\Users\cyber\Desktop\CTF\prefetch\prefetch2.txt	9/3/2022 8:15:40 PM	9/3/2022 8:15:40 PM	9/3/2022 8:15:40 PM	n/a					00:00:00:00:00:00
prefetch3.bx...	C:\Users\cyber\Desktop\CTF\prefetch\prefetch3.txt	9/3/2022 8:15:40 PM	9/3/2022 8:15:40 PM	9/3/2022 8:15:40 PM	n/a					00:00:00:00:00:00
prefetch4.bx...	C:\Users\cyber\Desktop\CTF\prefetch\prefetch4.txt	9/3/2022 8:15:40 PM	9/3/2022 8:15:40 PM	9/3/2022 8:15:40 PM	n/a					00:00:00:00:00:00
RegRipper 3...	C:\Users\cyber\Downloads\RegRipper 3.0-master.zip	9/3/2022 11:59:32 ...	9/3/2022 11:59:36 ...	9/3/2022 11:59:38 ...	5075610	Fixed	DE IF - D7B2			00:00:00:00:00:00
t.lnk	C:\Users\cyber\Desktop\CTF\prefetch	9/3/2022 8:07:28 PM	9/3/2022 8:07:28 PM	9/3/2022 8:07:34 PM	0	Fixed	DE IF - D7B2			00:00:00:00:00:00
task.jpg.lnk	C:\Users\cyber\Desktop\CTF\picture analysis\task.jpg	9/3/2022 7:44:52 PM	10/18/2021 9:31:2...	9/3/2022 7:55:24 PM	1190155	Fixed	DE IF - D7B2			00:00:00:00:00:00
The Internet.ink	n/a	n/a	n/a	n/a	0					2B:30:30:9D:00:00

the flag is : ESFST{9/3/2022 2:22:27 PM}

III – WFA 3:



We can also identify some informations about the icons like their size using the same tool.

Flag : ESFST{100}