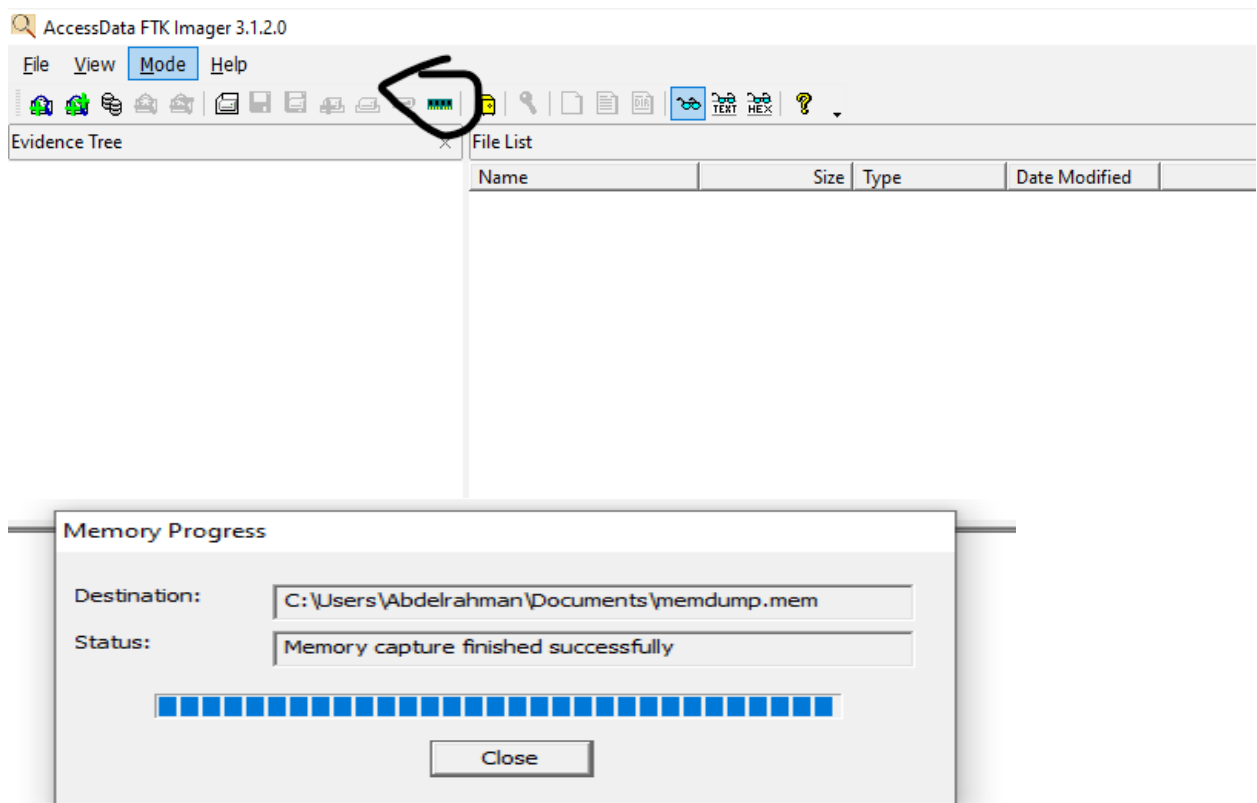


Forensics Assignment

Name: Abdelrahman Khaled Abdallah Hamed

ID:14

1. Using FTK IMAGER to gather memory dump



2. Using volatility to analyze memory dump and process running on system

- First command : Python.exe ./vol.py -f F:/memorydump.exe windows.info : for providing OS details → output:

```

Progress: 99.99      Reading Symbol layer
Progress: 99.99      Reading Symbol layer
Progress: 99.99      Reading Symbol layer
Progress: 100.00     Reading Symbol layer
Progress: 100.00     Reading Symbol layer
Progress: 100.00     PDB scanning finished

Variable      Value
-----
Kernel Base   0xf80366e00000
DTB           0x1aa000
Symbols file: //F:/volatility3/volatility3/symbols/windows/ntkrnlmp.pdb/D9424FC4861E47C10FAD1B35DEC6DCC8-1.json.xz
Is64Bit       True
IsPAE         False
layer_name    0 windowsIntel132e
memory_layer  1 FileLayer
KdVersionBlock 0xf80367a0f400
Major/Minor   15.19041
MachineType   34404
KeNumberProcessors 5
SystemTime    2024-03-07 09:17:30
NtSystemRoot  C:\Windows
NtProductType NtProductWinnt
NtMajorVersion 10
NtMinorVersion 0
PE MajorOperatingSystemVersion 10
PE MinorOperatingSystemVersion 0
PE Machine    34404
PE TimeDateStamp Mon Dec 9 11:07:51 2019

```

- Second command : Python.exe ./vol.py -f F:/memorydump.exe windows.pstree : for generating a process tree which show the hierarchal relationship between process running in the memory

```

PS C:\Users\Abdelrahman\Documents\volatility3> python.exe ./vol.py -f C:\Users\Abdelrahman\Documents\memdump.mem windows.pstree
Volatility 3 Framework 2.7.0
Progress: 100.00      PDB scanning finished
PID   PPID   ImageFileName      Offset(V)  Threads Handles SessionId  Wow64  CreateTime  ExitTime  Audit  Cmd  Path
-----
0      0      System              0x9707e8a78080 156      -      N/A      False  2024-04-16 12:50:59.000000  N/A      -      -      \Device\HarddiskVolume2\Windows\System32\smss.exe  \SystemRoot\Sy
4      396     0      smss.exe            0x9707e8a7f040 2        -      N/A      False  2024-04-16 12:50:59.000000  N/A      -      -      \Device\HarddiskVolume2\Windows\System32\smss.exe  \SystemRoot\Sy
stem32\smss.exe
* 2004 4      MemCompression      0x9707f0662040 26       -      N/A      False  2024-04-16 12:51:10.000000  N/A      MemCompression - -
* 116   4      Registry             0x9707e8b7040 4         -      N/A      False  2024-04-16 12:50:48.000000  N/A      Registry - -
504    492   csrss.exe            0x9707e9638080 10        0      False  2024-04-16 12:51:08.000000  N/A      \Device\HarddiskVolume2\Windows\System32\csrss.exe  %SystemRoot%\s
system32\csrss.exe ObjectDirectory=Windows SharedSections=1024,20480,768 Windows-on SubsystemType=Windows ServerDll=basesrv,1 ServerDll=win
system32\csrss.exe
580    492   wininit.exe          0x9707ef48f080 1         0      False  2024-04-16 12:51:08.000000  N/A      \Device\HarddiskVolume2\Windows\System32\wininit.exe - -
* 900   580   fontdrvhost.exe      0x9707f03e4140 5         0      False  2024-04-16 12:51:09.000000  N/A      \Device\HarddiskVolume2\Windows\System32\fontdrvhost.exe - -
* 724   580   services.exe         0x9707eb16f080 6         0      False  2024-04-16 12:51:08.000000  N/A      \Device\HarddiskVolume2\Windows\System32\services.exe C:\Windows\sys
tem32\services.exe
** 1792 724   VBoxService.exe      0x9707f06e9240 11        0      False  2024-04-16 12:51:10.000000  N/A      \Device\HarddiskVolume2\Windows\System32\VBoxService.exe C:\Win
dows\System32\VBoxService.exe
** 576   724   svchost.exe          0x9707f17ad2c0 10        0      False  2024-04-16 12:51:25.000000  N/A      \Device\HarddiskVolume2\Windows\System32\svchost.exe C:\Windows\sys
tem32\svchost.exe
* 2692 724   svchost.exe          0x9707f0973240 3         0      False  2024-04-16 12:51:10.000000  N/A      \Device\HarddiskVolume2\Windows\System32\svchost.exe C:\Windows\sys
tem32\svchost.exe
** 1928 724   svchost.exe          0x9707f07152c0 4         0      False  2024-04-16 12:51:10.000000  N/A      \Device\HarddiskVolume2\Windows\System32\svchost.exe C:\Windows\sys
tem32\svchost.exe
** 1160 724   svchost.exe          0x9707f04b2280 1         0      False  2024-04-16 12:51:09.000000  N/A      \Device\HarddiskVolume2\Windows\System32\svchost.exe C:\Windows\sys
tem32\svchost.exe
** 1928 724   svchost.exe          0x9707f04b2280 1         0      False  2024-04-16 12:51:09.000000  N/A      \Device\HarddiskVolume2\Windows\System32\svchost.exe C:\Windows\sys
tem32\svchost.exe
** 2316 724   svchost.exe          0x9707f07152c0 4         0      False  2024-04-16 12:51:10.000000  N/A      \Device\HarddiskVolume2\Windows\System32\svchost.exe C:\Windows\sys
tem32\svchost.exe
** 3084 724   MsMpEng.exe          0x9707f0b7d140 26        0      False  2024-04-16 12:51:11.000000  N/A      \Device\HarddiskVolume2\ProgramData\Microsoft\Windows Defender\Platform4.18.24030.9-0\MsMpEng.exe C:\ProgramData\Microsoft\Windows Defender\Platform4.18.24030.9-0\MsMpEng.exe
** 2576 724   svchost.exe          0x9707e8a9d280 2         0      False  2024-04-16 12:51:10.000000  N/A      \Device\HarddiskVolume2\Windows\System32\svchost.exe C:\Windows\sys
tem32\svchost.exe
** 2692 724   svchost.exe          0x9707f0973240 3         0      False  2024-04-16 12:51:10.000000  N/A      \Device\HarddiskVolume2\Windows\System32\svchost.exe C:\Windows\sys
tem32\svchost.exe
** 8696 724   svchost.exe          0x9707f1430240 8         0      False  2024-04-16 12:51:16.000000  N/A      \Device\HarddiskVolume2\Windows\System32\svchost.exe C:\Windows\sys
tem32\svchost.exe
** 1820 724   svchost.exe          0x9707f023a080 10        0      False  2024-04-16 12:53:12.000000  N/A      \Device\HarddiskVolume2\Windows\System32\svchost.exe C:\Windows\sys
tem32\svchost.exe

```

- Third command : Python.exe ./vol.py -f F:/memorydump.exe windows.pslist : for providing details about every process running within memory dump

```
PS C:\Users\Abdelrahman\Documents\volatility3> python.exe ./vol.py -f C:\Users\Abdelrahman\Documents\memdump.mem windows.pslist
Volatility 3 Framework 2.7.0
Progress: 100.00
PID PPID ImageFileName PDB scanning finished Offset(V) Threads Handles SessionId Wow64 CreateTime ExitTime File output
4 0 System 0x9707e8a78080 156 - N/A False 2024-04-16 12:50:59.000000 N/A Disabled
116 4 Registry 0x9707e8bd7040 4 - N/A False 2024-04-16 12:50:48.000000 N/A Disabled
396 4 smss.exe 0x9707e98df040 2 - N/A False 2024-04-16 12:50:59.000000 N/A Disabled
504 492 csrss.exe 0x9707e9638080 10 - 0 False 2024-04-16 12:51:08.000000 N/A Disabled
580 492 wininit.exe 0x9707ef48f080 1 - 0 False 2024-04-16 12:51:08.000000 N/A Disabled
592 572 csrss.exe 0x9707ef493140 13 - 1 False 2024-04-16 12:51:08.000000 N/A Disabled
684 572 winlogon.exe 0x9707eb1630c0 5 - 1 False 2024-04-16 12:51:08.000000 N/A Disabled
724 580 services.exe 0x9707eb16f080 6 - 0 False 2024-04-16 12:51:08.000000 N/A Disabled
748 580 lsass.exe 0x9707ef4f2080 9 - 0 False 2024-04-16 12:51:08.000000 N/A Disabled
868 724 svchost.exe 0x9707f03c7240 11 - 0 False 2024-04-16 12:51:09.000000 N/A Disabled
892 684 fontdrvhost.exe 0x9707f03e6140 5 - 1 False 2024-04-16 12:51:09.000000 N/A Disabled
900 580 fontdrvhost.exe 0x9707f03e4140 5 - 0 False 2024-04-16 12:51:09.000000 N/A Disabled
992 724 svchost.exe 0x9707f03e82c0 11 - 0 False 2024-04-16 12:51:09.000000 N/A Disabled
432 724 svchost.exe 0x9707f03ea240 5 - 0 False 2024-04-16 12:51:09.000000 N/A Disabled
576 684 dwm.exe 0x9707f0285080 20 - 1 False 2024-04-16 12:51:09.000000 N/A Disabled
1160 724 svchost.exe 0x9707f04b2280 1 - 0 False 2024-04-16 12:51:09.000000 N/A Disabled
1188 724 svchost.exe 0x9707f04b42c0 2 - 0 False 2024-04-16 12:51:09.000000 N/A Disabled
1204 724 svchost.exe 0x9707f04b8300 3 - 0 False 2024-04-16 12:51:09.000000 N/A Disabled
1196 724 svchost.exe 0x9707f04b6300 1 - 0 False 2024-04-16 12:51:09.000000 N/A Disabled
1260 724 svchost.exe 0x9707f04e9240 7 - 0 False 2024-04-16 12:51:09.000000 N/A Disabled
1268 724 svchost.exe 0x9707f04eb300 7 - 0 False 2024-04-16 12:51:09.000000 N/A Disabled
1364 724 svchost.exe 0x9707f0545240 3 - 0 False 2024-04-16 12:51:09.000000 N/A Disabled
1428 724 svchost.exe 0x9707f05602c0 1 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
1480 724 svchost.exe 0x9707f0561080 5 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
1512 724 svchost.exe 0x9707f05aa300 1 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
1580 724 svchost.exe 0x9707f0625300 5 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
1776 724 svchost.exe 0x9707f06e7300 5 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
1792 724 VBoxService.exe 0x9707f06e9240 11 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
1900 724 svchost.exe 0x9707f070e280 4 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
1908 724 svchost.exe 0x9707f0710240 2 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
1928 724 svchost.exe 0x9707f07152c0 4 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
2004 4 MemCompression 0x9707f0662040 26 - N/A False 2024-04-16 12:51:10.000000 N/A Disabled
2044 724 svchost.exe 0x9707f06df2c0 7 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
2064 724 svchost.exe 0x9707e8a9d280 2 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
2100 724 svchost.exe 0x9707e8a69280 2 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
2108 724 svchost.exe 0x9707f07f12c0 5 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
2316 724 svchost.exe 0x9707f07f0080 4 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
2360 724 svchost.exe 0x9707f07f2080 7 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
2476 724 svchost.exe 0x9707f08f4300 9 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
2484 724 svchost.exe 0x9707f0644080 3 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
2504 724 svchost.exe 0x9707f08dd2c0 4 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
2604 724 svchost.exe 0x9707f0931080 2 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
2692 724 svchost.exe 0x9707f0973240 3 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
2820 724 spoolsv.exe 0x9707f0a0a080 7 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
2876 724 svchost.exe 0x9707f0a0d2c0 10 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
2928 724 svchost.exe 0x9707f0a8f300 5 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
3056 724 svchost.exe 0x9707f0a5a300 6 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
1832 724 svchost.exe 0x9707f0a69240 11 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
1720 724 svchost.exe 0x9707f0a6b2c0 16 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
2576 724 svchost.exe 0x9707f0a670c0 10 - 0 False 2024-04-16 12:51:10.000000 N/A Disabled
```

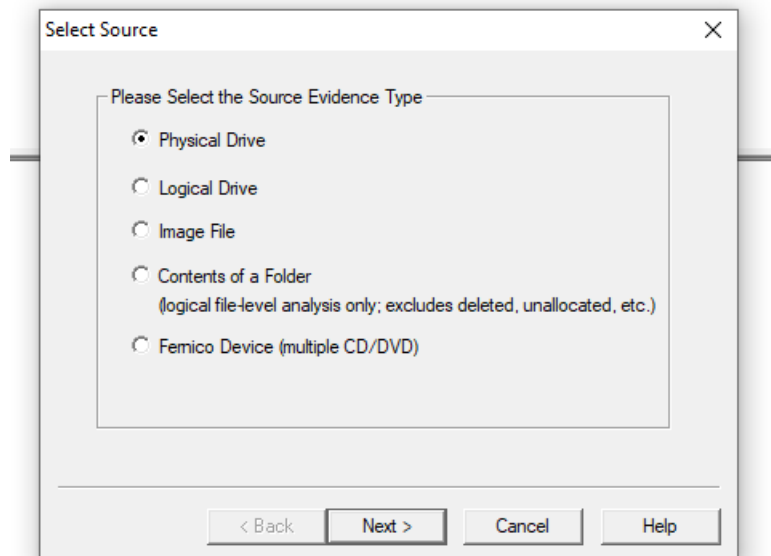
- fourth command : Python.exe ./vol.py -f F:/memorydump.exe windows.dlllist.DLLlist : for providing details about every process running within memory dump along with dll associated with it

```

PS C:\Users\Abdelrahman\Documents\volatility> python.exe ./vol.py -f C:\Users\Abdelrahman\Documents\memdump.mem windows.dlllist.dlllist
volatility 3 Framework 2.7.0
Progress: 100.00
PID Process Base Size PDB scanning finished File output
504 csrss.exe 0x7ff63af80000 0x7000 csrss.exe C:\Windows\system32\csrss.exe 2024-04-16 12:51:08.000000 Disabled
504 csrss.exe 0x7ff641f00000 0x1f8000 ntdll.dll C:\Windows\SYSTEM32\ntdll.dll 2024-04-16 12:51:08.000000 Disabled
504 csrss.exe 0x7ff641880000 0x18000 CSRSRV.DLL C:\Windows\SYSTEM32\CSRSRV.DLL 2024-04-16 12:51:08.000000 Disabled
504 csrss.exe 0x7ff641860000 0x16000 basesrv.DLL C:\Windows\system32\basesrv.DLL 2024-04-16 12:51:08.000000 Disabled
504 csrss.exe 0x7ff641840000 0x15000 winsrv.DLL C:\Windows\system32\winsrv.DLL 2024-04-16 12:51:08.000000 Disabled
504 csrss.exe 0x7ff643630000 0xb4000 kernel32.dll C:\Windows\SYSTEM32\kernel32.dll 2024-04-16 12:51:08.000000 Disabled
504 csrss.exe 0x7ff641ba0000 0x2f6000 kernelbase.dll C:\Windows\SYSTEM32\kernelbase.dll 2024-04-16 12:51:08.000000 Disabled
504 csrss.exe 0x7ff641810000 0x22000 winsrvext.dll C:\Windows\SYSTEM32\winsrvext.dll 2024-04-16 12:51:08.000000 Disabled
504 csrss.exe 0x7ff642510000 0x19e000 USER32.dll C:\Windows\system32\USER32.dll 2024-04-16 12:51:08.000000 Disabled
504 csrss.exe 0x7ff643d50000 0x353000 combase.dll C:\Windows\SYSTEM32\combase.dll 2024-04-16 12:51:08.000000 Disabled
504 csrss.exe 0x7ff641fd0000 0x44000 cfmgr32.dll C:\Windows\SYSTEM32\cfmgr32.dll 2024-04-16 12:51:08.000000 Disabled
504 csrss.exe 0x7ff6424d0000 0x2b000 GDI32.dll C:\Windows\system32\GDI32.dll 2024-04-16 12:51:08.000000 Disabled
504 csrss.exe 0x7ff641f30000 0x22000 win32u.dll C:\Windows\system32\win32u.dll 2024-04-16 12:51:08.000000 Disabled
504 csrss.exe 0x7ff642020000 0x117000 gdi32full.dll C:\Windows\SYSTEM32\gdi32full.dll 2024-04-16 12:51:08.000000 Disabled
504 csrss.exe 0x7ff641aa0000 0x100000 ucrtbase.dll C:\Windows\SYSTEM32\ucrtbase.dll 2024-04-16 12:51:08.000000 Disabled
504 csrss.exe 0x7ff6422f0000 0x125000 RPCRT4.dll C:\Windows\system32\RPCRT4.dll 2024-04-16 12:51:08.000000 Disabled
504 csrss.exe 0x7ff6418a0000 0x9d000 msvcrt.dll C:\Windows\system32\msvcrt.dll 2024-04-16 12:51:08.000000 Disabled
504 csrss.exe 0x7ff641800000 0xd000 sxsrv.dll C:\Windows\SYSTEM32\sxsrv.dll 2024-04-16 12:51:08.000000 Disabled
504 csrss.exe 0x7ff641830000 0xa2000 sxs.dll C:\Windows\system32\sxs.dll 2024-04-16 12:51:08.000000 Disabled
504 csrss.exe 0x7ff641ea0000 0x82000 bcryptPrimitives.dll C:\Windows\SYSTEM32\bcryptPrimitives.dll 2024-04-16 12:51:08.000000 Disabled
592 csrss.exe 0x7ff63af80000 0x7000 csrss.exe C:\Windows\system32\csrss.exe 2024-04-16 12:51:08.000000 Disabled
592 csrss.exe 0x7ff641f00000 0x1f8000 ntdll.dll C:\Windows\SYSTEM32\ntdll.dll 2024-04-16 12:51:08.000000 Disabled
592 csrss.exe 0x7ff641880000 0x18000 CSRSRV.DLL C:\Windows\SYSTEM32\CSRSRV.DLL 2024-04-16 12:51:08.000000 Disabled
592 csrss.exe 0x7ff641860000 0x16000 basesrv.DLL C:\Windows\system32\basesrv.DLL 2024-04-16 12:51:08.000000 Disabled
592 csrss.exe 0x7ff641840000 0x15000 winsrv.DLL C:\Windows\system32\winsrv.DLL 2024-04-16 12:51:08.000000 Disabled
592 csrss.exe 0x7ff643630000 0xb4000 kernel32.dll C:\Windows\SYSTEM32\kernel32.dll 2024-04-16 12:51:08.000000 Disabled
592 csrss.exe 0x7ff641ba0000 0x2f6000 kernelbase.dll C:\Windows\SYSTEM32\kernelbase.dll 2024-04-16 12:51:08.000000 Disabled
684 winlogon.exe 0x7ff7da140000 0xe3000 winlogon.exe C:\Windows\system32\winlogon.exe 2024-04-16 12:51:08.000000 Disabled
684 winlogon.exe 0x7ff641f00000 0x1f8000 ntdll.dll C:\Windows\SYSTEM32\ntdll.dll 2024-04-16 12:51:08.000000 Disabled
684 winlogon.exe 0x7ff643630000 0xb4000 kernel32.dll C:\Windows\SYSTEM32\kernel32.dll 2024-04-16 12:51:08.000000 Disabled
684 winlogon.exe 0x7ff641ba0000 0x2f6000 kernelbase.dll C:\Windows\SYSTEM32\kernelbase.dll 2024-04-16 12:51:08.000000 Disabled
684 winlogon.exe 0x7ff643460000 0x9e000 msvcrt.dll C:\Windows\system32\msvcrt.dll 2024-04-16 12:51:08.000000 Disabled
684 winlogon.exe 0x7ff6440b0000 0xa0000 sechost.dll C:\Windows\system32\sechost.dll 2024-04-16 12:51:08.000000 Disabled
684 winlogon.exe 0x7ff6422f0000 0x125000 RPCRT4.dll C:\Windows\system32\RPCRT4.dll 2024-04-16 12:51:08.000000 Disabled
684 winlogon.exe 0x7ff642140000 0x27000 bcrypt.dll C:\Windows\system32\bcrypt.dll 2024-04-16 12:51:08.000000 Disabled
684 winlogon.exe 0x7ff643d50000 0x353000 combase.dll C:\Windows\system32\combase.dll 2024-04-16 12:51:08.000000 Disabled
684 winlogon.exe 0x7ff641aa0000 0x100000 ucrtbase.dll C:\Windows\system32\ucrtbase.dll 2024-04-16 12:51:08.000000 Disabled
684 winlogon.exe 0x7ff643b00000 0xb0000 advapi32.dll C:\Windows\system32\advapi32.dll 2024-04-16 12:51:08.000000 Disabled
684 winlogon.exe 0x7ff641700000 0x4b000 powrprof.dll C:\Windows\SYSTEM32\powrprof.dll 2024-04-16 12:51:08.000000 Disabled
684 winlogon.exe 0x7ff6416e0000 0x12000 UMPDC.dll C:\Windows\system32\UMPDC.dll 2024-04-16 12:51:08.000000 Disabled
684 winlogon.exe 0x7ff6417d0000 0x25000 profapi.dll C:\Windows\system32\profapi.dll 2024-04-16 12:51:08.000000 Disabled
684 winlogon.exe 0x7ff642510000 0x19e000 user32.dll C:\Windows\system32\user32.dll 2024-04-16 12:51:08.000000 Disabled
684 winlogon.exe 0x7ff641f30000 0x22000 win32u.dll C:\Windows\system32\win32u.dll 2024-04-16 12:51:08.000000 Disabled
684 winlogon.exe 0x7ff6424d0000 0x2b000 GDI32.dll C:\Windows\system32\GDI32.dll 2024-04-16 12:51:08.000000 Disabled
684 winlogon.exe 0x7ff642020000 0x117000 gdi32full.dll C:\Windows\system32\gdi32full.dll 2024-04-16 12:51:08.000000 Disabled
684 winlogon.exe 0x7ff6418a0000 0x9d000 msvcrt.dll C:\Windows\system32\msvcrt.dll 2024-04-16 12:51:08.000000 Disabled
684 winlogon.exe 0x7ff643420000 0x32000 IMM32.DLL C:\Windows\system32\IMM32.DLL 2024-04-16 12:51:08.000000 Disabled
684 winlogon.exe 0x7ff641200000 0x3b000 winsta.dll C:\Windows\SYSTEM32\winsta.dll 2024-04-16 12:51:08.000000 Disabled
684 winlogon.exe 0x7ff641780000 0x32000 Sspicli.dll C:\Windows\system32\Sspicli.dll 2024-04-16 12:51:09.000000 Disabled

```

3-Using FTK IMAGER to take image from disk :



Create Image

Evidence Item Information

Case Number: 1

Evidence Number: 1

Unique Description: 1

Examiner: Abdelrahman_khaled

Notes: ..

< Back Next > Cancel Help

Select Image type

Please Select the Destination Image Type

☐ Raw (dd)

☐ SMART

☒ E01

☐ AFF

Select Image Destination

Image Destination Folder

E:\ Browse

Image Filename (Excluding Extension)

Image

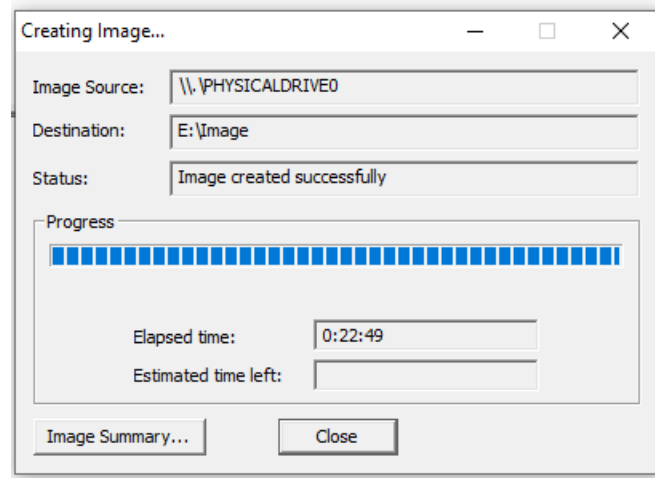
Image Fragment Size (MB)

For Raw, E01, and AFF formats: 0 = do not fragment 0

Compression (0=None, 1=Fastest, ..., 9=Smallest) 1

Use AD Encryption ☐

< Back Finish Cancel Help



4-Analayzing Image using FTK IMAGER :

- first extracting Pagefile

Evidence Tree

- Image.E01
 - Partition 1 [50MB]
 - Partition 2 [60840MB]
 - NONAME [NTFS]
 - [root]
 - \$BadClus
 - \$Bitmap
 - \$Extend
 - \$Recycle.Bin
 - \$Secure
 - \$UpCase
 - \$WinREAgent
 - Documents and Settings
 - PerfLogs
 - Program Files
 - Common Files
 - fluent-bit
 - Internet Explorer
 - LSoft Technologies
 - Microsoft Update Health Tools
 - ModifiableWindowsApps
 - Oracle
 - RUXIM

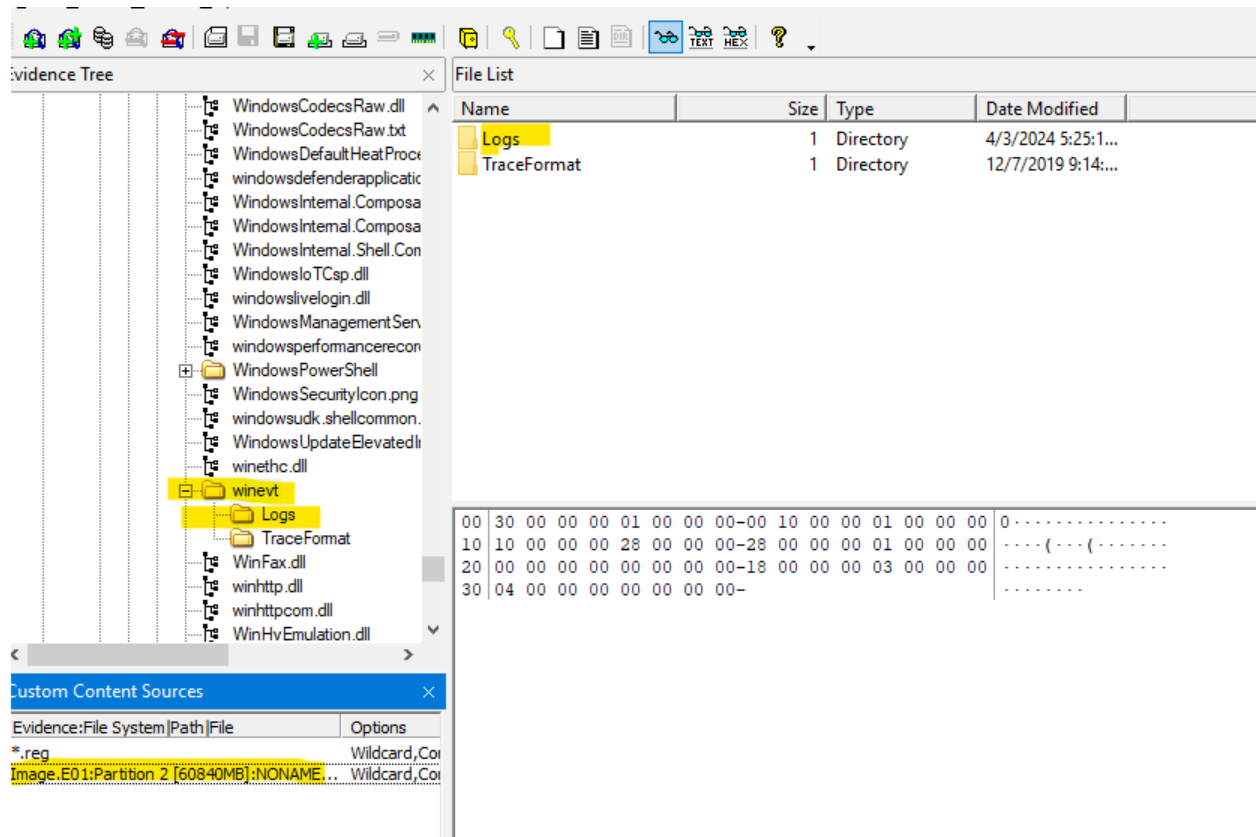
File List

Name	Size	Type	Date Modified
\$BadClus	0	Regular File	3/30/2024 10:1...
\$Bitmap	1,902	Regular File	3/30/2024 10:1...
\$Boot	8	Regular File	3/30/2024 10:1...
\$I30	4	NTFS Index All...	4/16/2024 1:09:...
\$LogFile	65,536	Regular File	3/30/2024 10:1...
\$MFT	333,824	Regular File	3/30/2024 10:1...
\$MFTMirr	4	Regular File	3/30/2024 10:1...
\$Secure	1	Regular File	3/30/2024 10:1...
\$TXF_DATA	1	NTFS Logged ...	4/16/2024 1:09:...
\$UpCase	128	Regular File	3/30/2024 10:1...
\$Volume	0	Regular File	3/30/2024 10:1...
DumpStack.log.tmp	8	Regular File	4/16/2024 12:5...
pagefile.sys	1,638,400	Regular File	4/16/2024 12:5...
swapfile.sys	262,144	Regular File	4/16/2024 12:5...

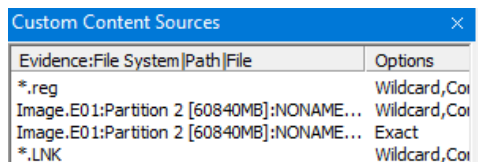
Custom Content Sources

Evidence:File System	Path	File	Options
*.reg			Wildcard, Co...
Image.E01:Partition 2 [60840MB]:NONAME...			Wildcard, Co...
Image.E01:Partition 2 [60840MB]:NONAME...			Exact

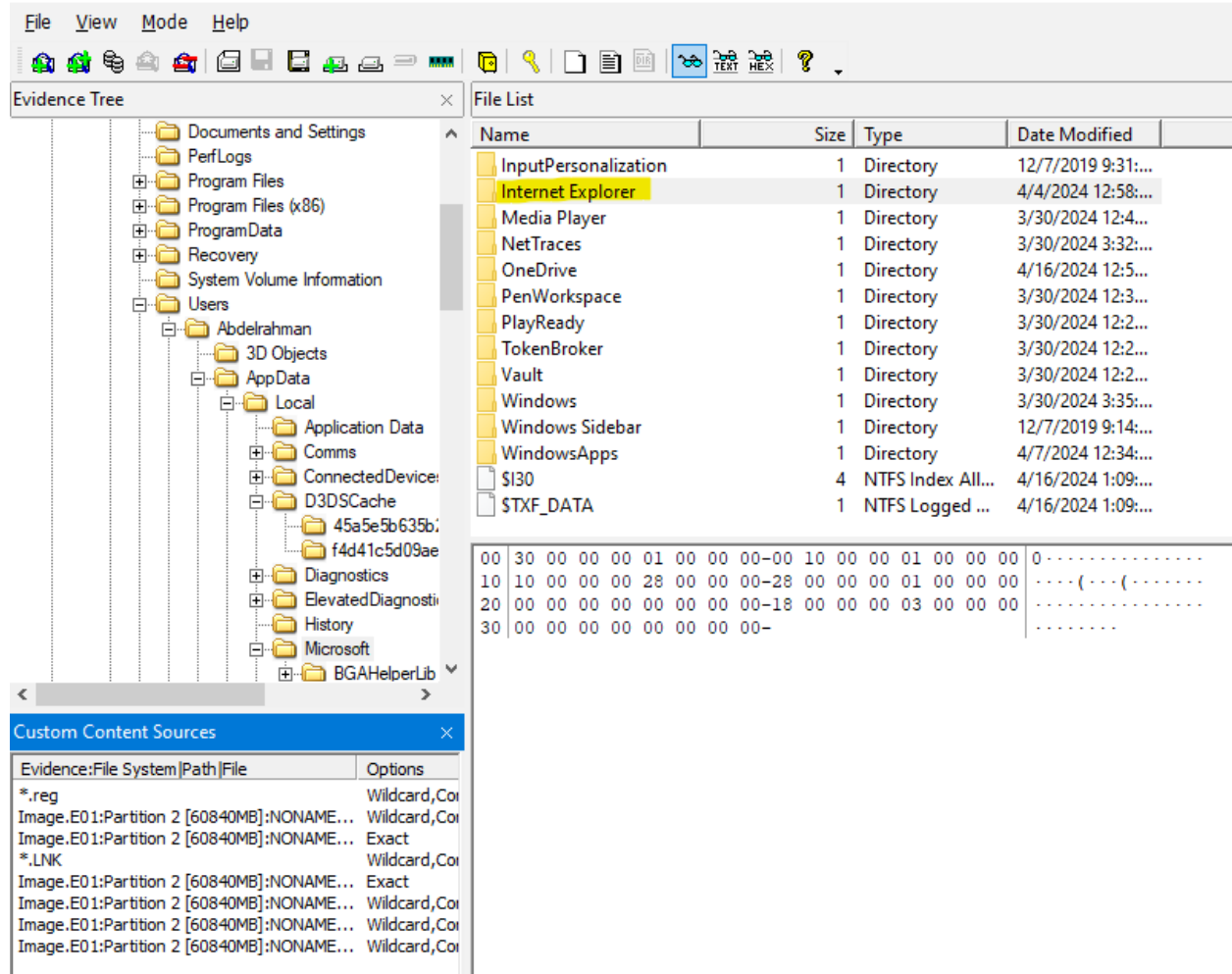
- second extracting the event viewer files:

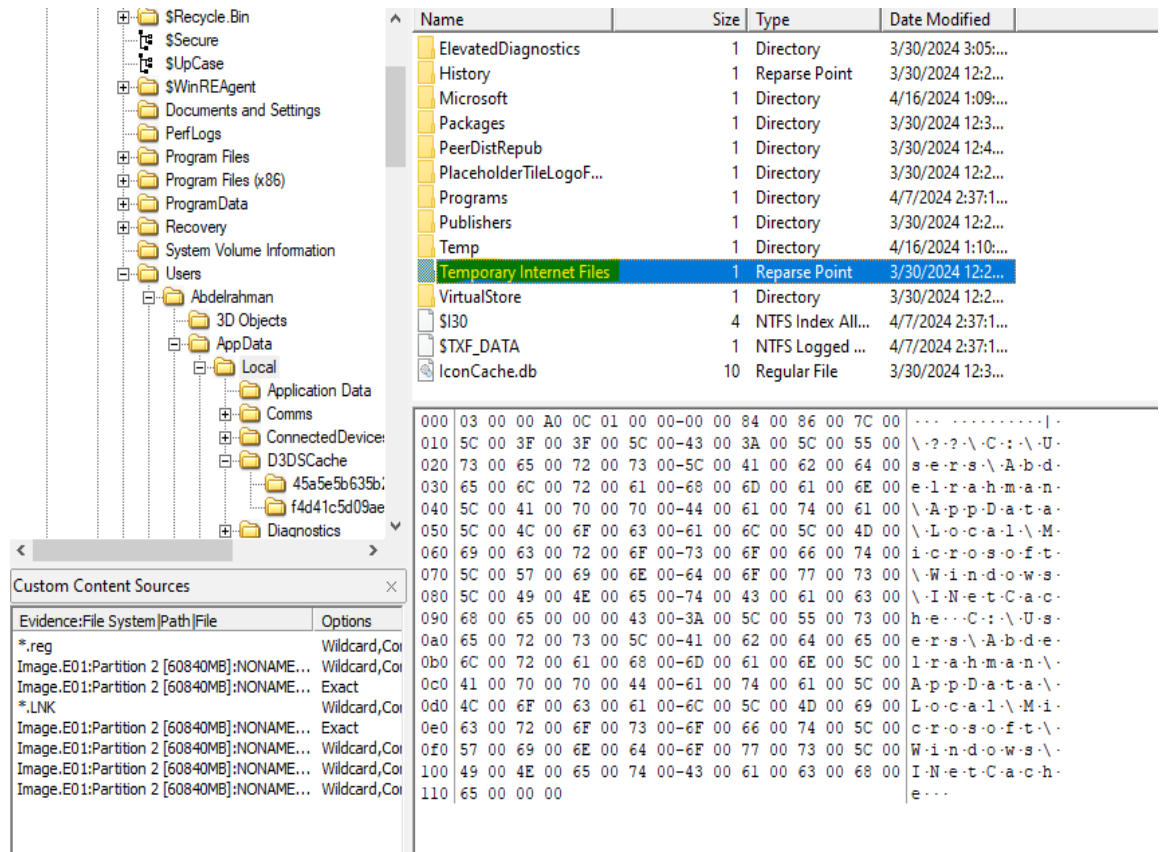


- Third including all registry files (*.reg)



- Fourth including all browser related files:





Evidence Tree

- \$Extend
- \$Recycle.Bin
- \$Secure
- \$UpCase
- \$WinREAgent
- Documents and Settings
- PerfLogs
- Program Files
- Program Files (x86)
 - AccessData
 - Common Files
 - Internet Explorer
 - Microsoft
 - Edge
 - Application
 - Edge.dat
 - Edge.dat.LOG1
 - Edge.dat.LOG2
 - EdgeCore
 - EdgeUpdate
 - EdgeWebView
 - Temp
 - Microsoft.NET
 - Windows Defender

File List

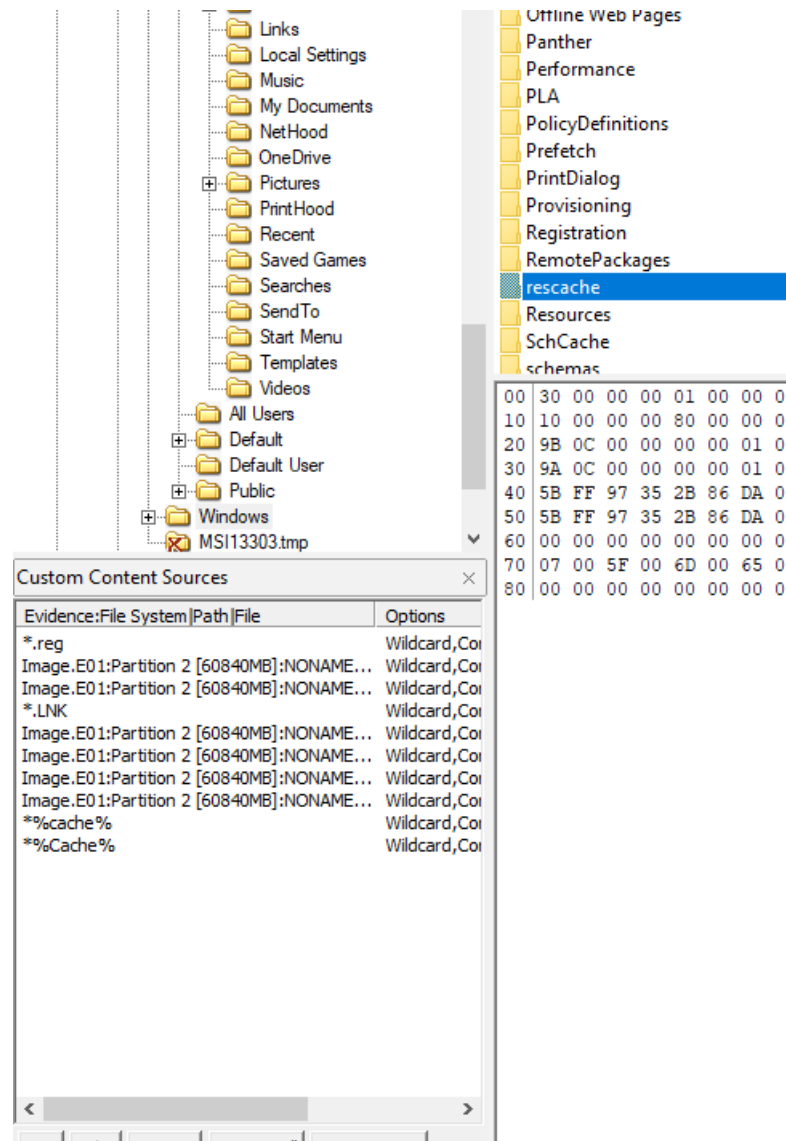
Name	Size	Type	Date Modified
Edge	1	Directory	4/16/2024 12:5...
EdgeCore	1	Directory	4/16/2024 12:5...
EdgeUpdate	1	Directory	4/7/2024 2:10:0...
EdgeWebView	1	Directory	4/16/2024 12:5...
Temp	1	Directory	4/7/2024 12:29:...
\$I30	4	NTFS Index All...	3/30/2024 12:2...

00	30	00	00	00	01	00	00	00-00	10	00	00	01	00	00	00	00	00
10	10	00	00	00	28	00	00	00-28	00	00	00	01	00	00	00	00	00 (..... (.....)
20	00	00	00	00	00	00	00	00-18	00	00	00	03	00	00	00	00	00
30	00	00	00	00	00	00	00	00-									

Custom Content Sources

Evidence:File System Path File	Options
*.reg	Wildcard,Co...
Image.E01:Partition 2 [60840MB]:NONAME...	Wildcard,Co...
Image.E01:Partition 2 [60840MB]:NONAME...	Wildcard,Co...
*.LNK	Wildcard,Co...
Image.E01:Partition 2 [60840MB]:NONAME...	Wildcard,Co...
Image.E01:Partition 2 [60840MB]:NONAME...	Wildcard,Co...
Image.E01:Partition 2 [60840MB]:NONAME...	Wildcard,Co...
Image.E01:Partition 2 [60840MB]:NONAME...	Wildcard,Co...

- Fifth including all cache files



- Finally: extract in new image file :

Select Image Destination

Image Destination Folder
E:\ Browse

Image Filename (Excluding Extension)
Abdelrhman

Image Fragment Size (MB)
For Raw, E01, and AFF formats: 0 = do not fragment 0

Compression (0=None, 1=Fastest, ..., 9=Smallest) 1

Use AD Encryption ☐

Filter by File Owner ☐

< Back Finish Cancel Help

Creating Image...

Image Source: Custom Content Image

Destination: E:\Abdelrhman

Status: Image created successfully

Progress

Elapsed time: 0:06:35

Estimated time left:

Image Summary... Close

