## **ADVANCED DIGITAL FORENSICS**



# PROCESS EXPLORER

By



### **DEWTON KIPROP**

- Run Process Explorer
  - Double-click on the procexp.exe file to launch Process Explorer. You may need to provide administrative privileges if prompted.
- Explore Process Information
  - Once Process Explorer is running, you'll see a list of running processes on your system. Each process is represented by a row in the main window, displaying details such as process name, ID, CPU usage, memory usage, and more.
- View Process Properties
  - To view detailed properties of a specific process, double-click on it or right-click and select "Properties".
  - The process properties window provides in-depth information about the selected process, including its executable path, command-line arguments, loaded DLLs, and more.
- Search for Processes

Use the search functionality (Ctrl + F) to quickly find specific processes by name or other criteria.

> Terminate or Suspend Processes

To terminate a process, select it and press the Delete key or right-click and choose "Kill Process". Be cautious when terminating processes, as terminating critical system processes can cause system instability.

#### > Filter Processes

Process Explorer allows you to filter processes based on various criteria such as CPU usage, memory usage, process name, and more. Use the Filter menu to apply filters.

Customize Columns

You can customize the columns displayed in the main Process Explorer window to show additional information. Right-click on the column header and choose "Select Columns" to customize.

Additional Features

Explore other features of Process Explorer, such as system information, performance graphs, process tree view, and tooltips for more insights into system activity.

> Refer to Documentation

If you encounter any issues or need assistance with specific features, refer to the Process Explorer documentation available on the Sysinternals website.

Exit Process Explorer

When you're done using Process Explorer, you can close the application by clicking on the "X" button in the top-right corner of the window or by selecting File > Exit.

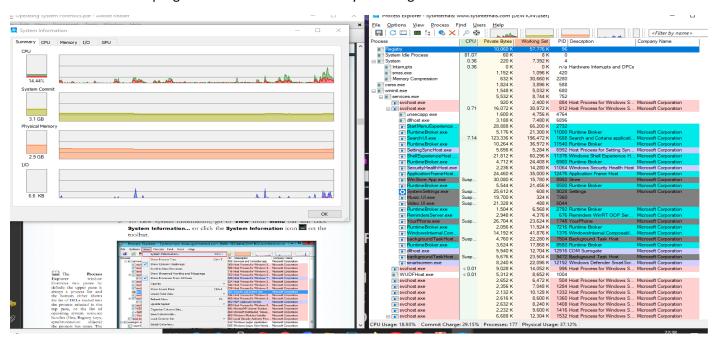


Fig 1: system information

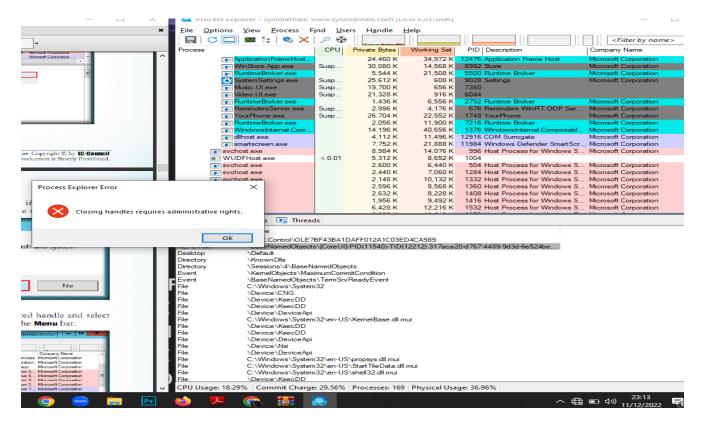


Fig 2: closing handle

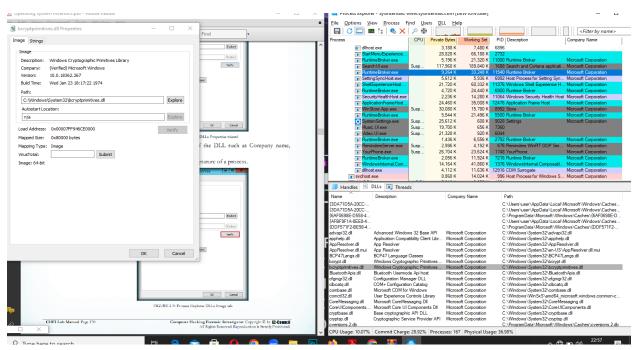


Fig 3: DLL properties verification

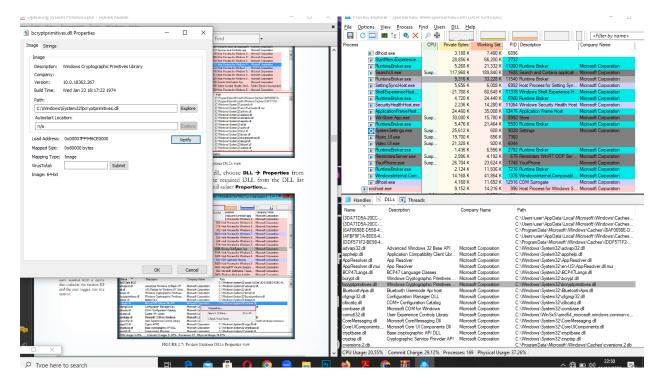


Fig 4: image DLL viewing

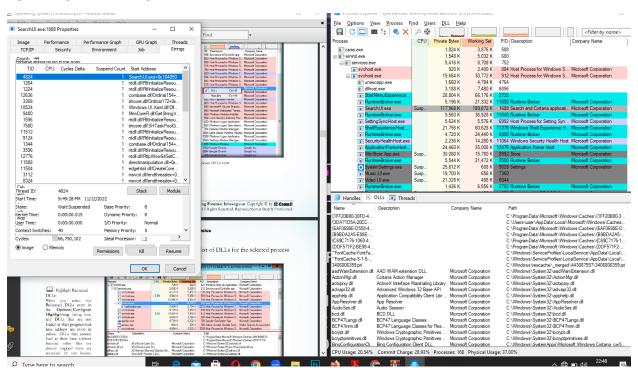


Fig 5: view DLL

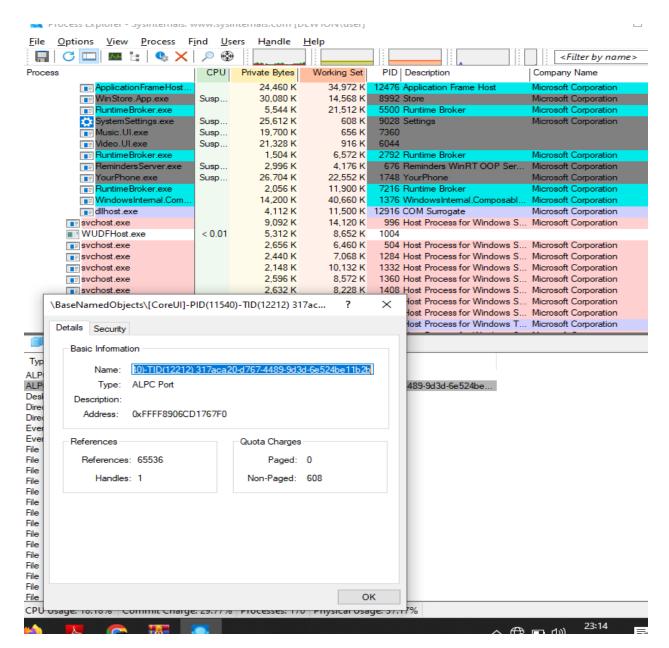


Fig 6: handle properties view

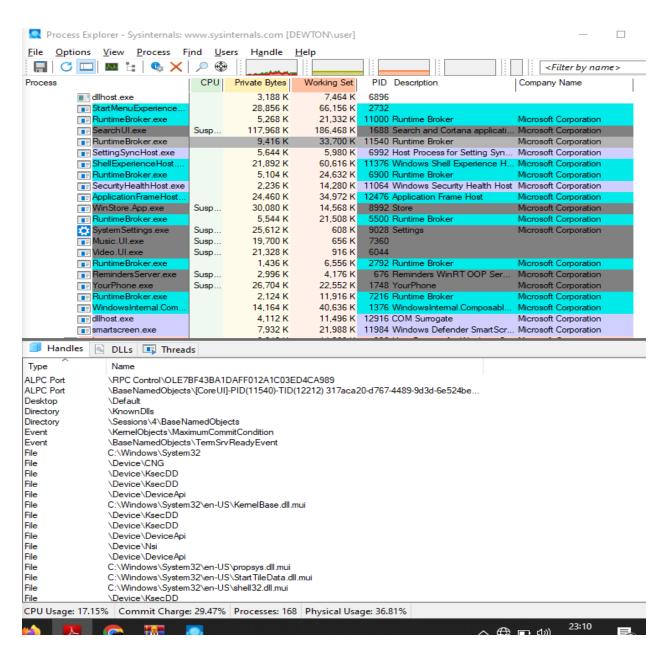


Fig 7: handles

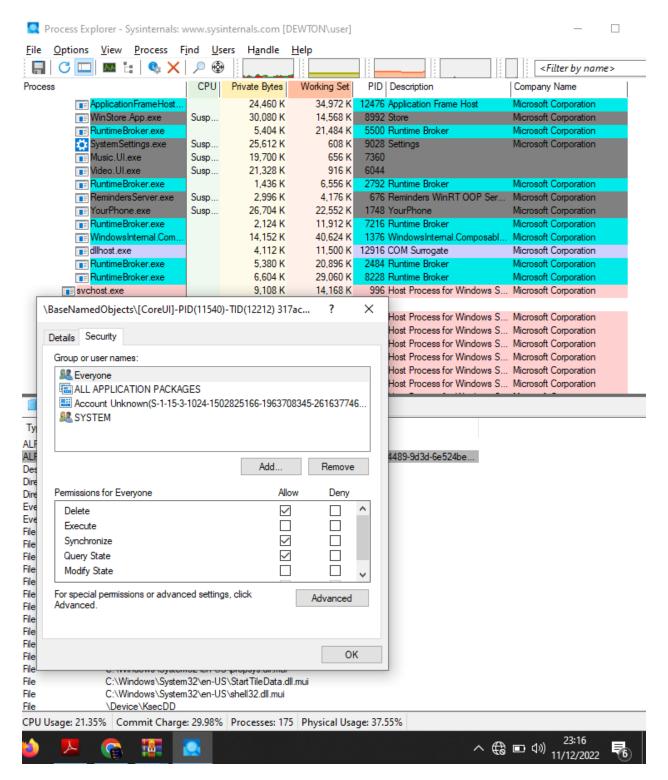


Fig 8: handle security properties.

#### Notepad work saved

Process CPU Private Bytes Working Set PID Description Company Name

Registry 7,184 K 55,396 K 96

System Idle Proce	:SS	84.83	60 K	8 K	0						
System < 0.01 22	20 K	7,432 k	<b>(</b> 4								
Interrupts 1.	.49	0 K	0 K	n/a	Hardwa	are Inte	rupts ar	nd DPCs			
smss.exe		1,152 k	( 1,096 k	( 420							
Memory Compre	ssion		632 K	30,652	K	2280					
csrss.exe		1,824 k	( 3,888 k	388							
wininit.exe		1,548 k	( 5,032 k	680							
services.exe		5,520 H	( 8,744 k	752							
svchost.exe Corporation		920 K	2,400 k	( 884	Host Pr	ocess fo	or Windo	ows Serv	ices	Microsoft	
svchost.exe Microsoft	: Corp	15,772 oration	K	30,856	K	912	Host P	rocess fo	or Windo	ows Services	
unsecapp.exe		1,632 k	( 4,772 k	4764							
dllhost.exe		3,188 k	( 7,460 k	6896							
StartMenuExper	rience	Host.ex	e	28,856	K	66,156	K	2732			
RuntimeBroker.	exe		5,196 k	( 21,320	K	11000	Runtim	ne Broke	r Micros	oft Corporati	on
SearchUI.exe Su Microsoft	•		117,96	8 K	186,46	8 K	1688	Search	and Cor	rtana applicat	ion
RuntimeBroker.	exe		9,496 k	33,756	K	11540	Runtim	ne Broke	r Micros	oft Corporati	on
SettingSyncHost Microsoft		oration	5,612 k	( 5,392 I	K 6992	Host Pi	rocess fo	or Settin	g Synchr	onization	
ShellExperience Experience Host	Host.		oft Corp	21,740 oration	K	60,260	K	11376	Windo	ws Shell	
RuntimeBroker.	exe		4,740 k	( 24,476	K	6900	Runtim	ne Broke	r Micros	oft Corporati	on
SecurityHealthH Microsoft				2,236 H	〈 14,280	K	11064	Windo	ws Secu	rity Health Ho	ost
ApplicationFram Microsoft				24,460	K	34,972	K	12476	Applica	ation Frame H	lost
WinStore.App.e.	xe	Susper	ided	30,080	K	14,568	K	8992	Store	Microsoft	
RuntimeBroker.	exe		5,544 k	( 21,512	K	5500	Runtim	ne Broke	r Micros	oft Corporati	on

25,612 K 608 K 9028 SettingsMicrosoft Corporation

SystemSettings.exe Suspended

Music.UI.exe Suspended	d 19,700 K	656 K 7360	
Video.UI.exe Suspended	d 21,328 K	916 K 6044	
RuntimeBroker.exe	1,504 K 6,568 K	C 2792 Runtime Broker Microsoft Corporation	
RemindersServer.exe Su Microsoft Corpora		K 4,176 K 676 Reminders WinRT OOP Server	
YourPhone.exe Su Microsoft Corpora	uspended 26,704 ation	K 22,552 K 1748 YourPhone	
RuntimeBroker.exe	2,056 K 11,900	K 7216 Runtime Broker Microsoft Corporation	
·	376 WindowsIntern	es.TextInput.InputApp.exe 14,180 K nal.ComposableShell.Experiences.TextInput.InputApp.exe	j
dllhost.exe 4,	112 K 11,500 K	12916 COM Surrogate Microsoft Corporation	
dllhost.exe 1,	644 K 6,832 K 11208	COM Surrogate Microsoft Corporation	
svchost.exe < 0.01 8, Microsoft Corpora	996 K 14,088 K ation	996 Host Process for Windows Services	
WUDFHost.exe <	0.01 5,312 K 8,652 K	< 1004	
svchost.exe 2, Corporation	656 K 6,472 K 504	Host Process for Windows Services Microsoft	
svchost.exe 2, Corporation	440 K 7,064 K 1284	Host Process for Windows Services Microsoft	
svchost.exe 2, Microsoft Corpora	148 K 10,132 K ation	1332 Host Process for Windows Services	
svchost.exe 2, Corporation	596 K 8,564 K 1360	Host Process for Windows Services Microsoft	
svchost.exe 2, Corporation	632 K 8,228 K 1408	Host Process for Windows Services Microsoft	
svchost.exe 1, Corporation	956 K 9,492 K 1416	Host Process for Windows Services Microsoft	
svchost.exe < 0.01 6, Microsoft Corpora	532 K 12,252 K ation	1532 Host Process for Windows Services	
taskhostw.exe 8, Corporation	392 K 18,620 K	8372 Host Process for Windows TasksMicrosoft	
svchost.exe 14 Microsoft Corpora	4,944 K 14,372 ation	K 1644 Host Process for Windows Services	

svchost.exe Corporation	2,180 K 6,360 K 1668	Host Process for Windows Services	Microsoft
svchost.exe Corporation	1,708 K 3,744 K 1692	Host Process for Windows Services	Microsoft
svchost.exe Corporation	2,280 K 6,564 K 1708	Host Process for Windows Services	Microsoft
svchost.exe Corporation	2,840 K 9,108 K 1756	Host Process for Windows Services	Microsoft
svchost.exe Corporation	4,352 K 6,156 K 1824	Host Process for Windows Services	Microsoft
svchost.exe Corporation	2,660 K 5,508 K 1968	Host Process for Windows Services	Microsoft
svchost.exe Corporation	1,492 K 4,748 K 2008	Host Process for Windows Services	Microsoft
svchost.exe Corporation	2,676 K 7,832 K 568	Host Process for Windows Services	Microsoft
sihost.exe Corporation	6,268 K 24,656 K	7576 Shell Infrastructure Host	Microsoft
svchost.exe Corporation	1,960 K 5,356 K 2132	Host Process for Windows Services	Microsoft
svchost.exe < 0.01 Microsoft Corp	84,752 K 86,792 poration	K 2176 Host Process for Windo	ows Services
svchost.exe Microsoft Corp	9,428 K 16,156 K poration	2184 Host Process for Windows Serv	rices
svchost.exe Corporation	1,332 K 3,468 K 2236	Host Process for Windows Services	Microsoft
svchost.exe Corporation	1,980 K 6,380 K 2376	Host Process for Windows Services	Microsoft
svchost.exe Corporation	3,380 K 6,128 K 2388	Host Process for Windows Services	Microsoft
svchost.exe < 0.01 Microsoft Corp	5,360 K 10,644 K poration	2416 Host Process for Windows Serv	rices
igfxCUIService.exe	2,208 K 6,272 F	C 2464 igfxCUIService Module Intel Co	orporation
svchost.exe Corporation	4,092 K 8,224 K 2520	Host Process for Windows Services	Microsoft

dasHost.exe	3,532 K	. 9,932 K	5088				
svchost.exe Corporation	2,200 K	( 6,216 K	2556	Host Pr	ocess fo	or Windows Services	Microsoft
svchost.exe Corporation	1,836 K	5,460 K	2568	Host Pr	ocess fo	or Windows Services	Microsoft
svchost.exe Corporation	3,188 K	. 6,964 K	2644	Host Pr	ocess fo	or Windows Services	Microsoft
svchost.exe Microsoft Corp		12,136	K	2684	Host Pi	rocess for Windows Serv	ices
svchost.exe < 0.01 Microsoft Corp	12,132 oration	K	16,708	K	2796	Host Process for Windo	ows Services
svchost.exe Corporation	2,376 K	7,612 K	2888	Host Pr	ocess fo	or Windows Services	Microsoft
svchost.exe Corporation	1,852 K	. 5,140 K	2972	Host Pr	ocess fo	or Windows Services	Microsoft
svchost.exe Microsoft Corp	-	11,940	K	2704	Host Pi	rocess for Windows Serv	ices
svchost.exe Corporation	1,680 K	( 4,144 K	3076	Host Pr	ocess fo	or Windows Services	Microsoft
svchost.exe Corporation	2,820 K	7,184 K	3096	Host Pr	ocess fo	or Windows Services	Microsoft
svchost.exe Microsoft Corp	-	16,616	K	3236	Host Pi	rocess for Windows Serv	ices
svchost.exe Microsoft Corp	•	11,616	K	3328	Host Pi	rocess for Windows Serv	ices
spoolsv.exe	5,580 K	9,572 K	3492	Spooler	SubSys	stem App Microsoft Corp	oration
svchost.exe Microsoft Corp	•	11,364	K	3528	Host Pi	rocess for Windows Serv	ices
svchost.exe Microsoft Corp	12,316 oration	K	17,848	K	3560	Host Process for Windo	ows Services
svchost.exe Corporation	2,024 K	( 4,940 K	3604	Host Pr	ocess fo	or Windows Services	Microsoft
AdobeUpdateService.	exe	< 0.01	1,488 K	5,848 K	3808	Adobe Update Service	Adobe Inc.

svchost.exe Microsoft Corp	5,772 K oration	14,640	<	3820	Host Pro	ocess for Wii	ndows Servi	ces
svchost.exe Microsoft Corp	19,584 k oration	(	34,508	K	3828	Host Proces	s for Windo	ws Services
fpCSEvtSvc.exe	(	6,392 K	5,180 K	3836				
svchost.exe Microsoft Corp	28,860 k oration	(	37,732	K	3852	Host Proces	s for Windo	ws Services
svchost.exe Microsoft Corp	3,680 K oration	10,124	<	3880	Host Pro	ocess for Wii	ndows Servi	ces
svchost.exe Corporation	1,580 K	3,432 K	3948	Host Pr	ocess fo	r Windows S	ervices	Microsoft
SebWindowsServiceW with WCF ETH Zu			15,880	K	22,652	K 395	6 SEB Wii	ndows Service
svchost.exe Corporation	2,012 K	5,572 K	3988	Host Pr	ocess fo	r Windows S	ervices	Microsoft
SynTPEnhService.exe Synaptics Incor		1,184 K	3,520 K	3996	64-bit S	ynaptics Poir	nting Enhan	ce Service
SynTPEnh.exe 1.79 Synaptics Incor	7,228 K : porated	22,832	<	12792	Synaptio	cs TouchPad	64-bit Enha	ncements
svchost.exe Corporation	2,288 K	6,084 K	4008	Host Pr	ocess fo	r Windows S	ervices	Microsoft
svchost.exe Corporation	1,324 K	3,436 K	4056	Host Pr	ocess fo	r Windows S	ervices	Microsoft
vmware-authd.exe	:	3,696 K	8,420 K	4064	VMware	e Authorizati	on Service	VMware, Inc.
vmnetdhcp.exe	< 0.01	7,752 K	4,080 K	4072	VMware	e VMnet DH	CP service	VMware, Inc.
valWBFPolicyService.e Synaptics Incor			1,340 K	2,304 K	4088	SynapticsWI	3F Policy Se	rvice (COGENT)
vmware-usbarbitrator VMware, Inc.	64.exe	< 0.01	3,504 K	7,564 K	3164	VMware US	B Arbitratio	n Service
vmnat.exe < 0.01	2,480 K	6,332 K	4104	VMwar	e NAT Se	ervice VM	ware, Inc.	
MsMpEng.exe 0.60 Microsoft Corp	257,816 oration	K	194,444	ł K	4200	Antimalward	e Service Ex	ecutable
MpCopyAccelerator.e	exe		2,204 K	3,652 K	10064			

svchost.exe Microsoft Corp	4,904 K 19,708 oration	K	4212	Host Pro	ocess fo	r Windows Servi	ces
svchost.exe Corporation	1,600 K 3,496 K	4332	Host Pr	ocess fo	r Windo	ws Services	Microsoft
svchost.exe Corporation	1,792 K 5,424 K	4620	Host Pr	ocess fo	r Windo	ws Services	Microsoft
AGMService.exe Adobe Systems	-	10,444	K	4648	Adobe (	Genuine Softwar	e Service
AGSService.exe Service Adobe Systems		14,528	K	4656	Adobe (	Genuine Softwar	e Integrity
OfficeClickToRun.exe (SxS) Microsoft Corp		K	36,448	К	4740	Microsoft Office	e Click-to-Run
httpd.exe Software Foundation	10,292 K	12,232	K	5020	Apache	HTTP Server	Apache
httpd.exe < 0.01	17,564 K	12,724	K	8132			
svchost.exe Corporation	2,460 K 5,324 K	3984	Host Pr	ocess fo	r Windo	ws Services	Microsoft
svchost.exe < 0.01 Corporation	3,376 K 9,132 K	5368	Host Pr	ocess fo	r Windo	ws Services	Microsoft
mysqld.exe < 0.01	211,000 K	19,900	K	5612			
svchost.exe Microsoft Corp	4,456 K 14,968 oration	K	3412	Host Pro	ocess fo	r Windows Servi	ces
svchost.exe Corporation	1,784 K 5,244 K	1916	Host Pr	ocess fo	r Windo	ws Services	Microsoft
ctfmon.exe	7,648 K 18,604	K	11832				
svchost.exe Microsoft Corp	5,992 K 19,080 oration	К	6344	Host Pro	ocess fo	r Windows Servi	ces
svchost.exe Corporation	1,808 K 6,644 K	5832	Host Pr	ocess fo	r Windo	ws Services	Microsoft
SearchIndexer.exe Indexer Microsoft Corp	43,376 oration	K	55,192	K	7368	Microsoft Wind	ows Search
SearchProtocolHost.e	xe	2,404 K	7,996 K	7808			
SearchFilterHost.exe	1,724 K	. 6,592 K	12184				

svchost.exe Corporation	2,136 K 7,836 K 2604	Host Process for Windows Services	Microsoft
SecurityHealthService Service Microsoft Corp	•	K 14,724 K 5640 Windows Secu	rity Health
NisSrv.exe Microsoft Corp	6,220 K 8,500 K 5532 poration	Microsoft Network Realtime Inspection	n Service
svchost.exe Corporation	5,004 K 8,448 K 6168	Host Process for Windows Services	Microsoft
SgrmBroker.exe Microsoft Corp	3,640 K 5,364 k poration	( 3500 System Guard Runtime Monito	r Broker Service
svchost.exe Corporation	1,164 K 3,288 K 7820	Host Process for Windows Services	Microsoft
svchost.exe Corporation	2,312 K 7,448 K 2396	Host Process for Windows Services	Microsoft
svchost.exe Corporation	2,700 K 8,172 K 4276	Host Process for Windows Services	Microsoft
svchost.exe Corporation	2,588 K 6,660 K 6816	Host Process for Windows Services	Microsoft
svchost.exe Microsoft Corp	6,424 K 21,960 K poration	6020 Host Process for Windows Serv	vices
svchost.exe Corporation	2,392 K 6,024 K 8480	Host Process for Windows Services	Microsoft
svchost.exe Corporation	1,568 K 4,020 K 6464	Host Process for Windows Services	Microsoft
svchost.exe Corporation	2,836 K 6,988 K 8816	Host Process for Windows Services	Microsoft
svchost.exe Corporation	2,428 K 8,888 K 8784	Host Process for Windows Services	Microsoft
svchost.exe Corporation	2,320 K 7,216 K 9552	Host Process for Windows Services	Microsoft
svchost.exe Corporation	1,352 K 5,540 K 9056	Host Process for Windows Services	Microsoft
svchost.exe Corporation	1,356 K 5,416 K 11864	Host Process for Windows Services	Microsoft

svchost.exe Micros	< 0.01 oft Corp	9,300 K 32,632 oration	K	11508	Host Pr	rocess for Windo	ows Serv	ices
svchost.exe Micros	< 0.01 oft Corp	8,408 K 33,748 oration	K	7760	Host Pr	rocess for Windo	ows Serv	ices
svchost.exe Micros	oft Corp	3,656 K 21,892 oration	K	11032	Host Pr	rocess for Windo	ows Serv	ices
svchost.exe Micros	oft Corp	5,256 K 22,000 oration	K	4360	Host Pr	rocess for Windo	ows Serv	ices
svchost.exe Micros	< 0.01 oft Corp	2,880 K 11,376 oration	K	8892	Host Pr	rocess for Windo	ows Serv	ices
svchost.exe Corporation		2,524 K 7,288 K	C 5540	Host Pr	ocess fo	or Windows Serv	ices	Microsoft
svchost.exe Micros	oft Corp	3,716 K 11,356 oration	K	10496	Host Pr	rocess for Windo	ows Serv	ices
svchost.exe Corporation		1,368 K 5,660 K	( 9388	Host Pr	ocess fo	or Windows Serv	ices	Microsoft
Isass.exe Corporation	< 0.01	7,592 K 16,408	K	760	Local S	ecurity Authorit	y Proces	s Microsoft
fontdrvhost.ex	ке	1,572 k	( 1,212 k	( 904				
GoogleCrashHa	ndler.ex	ке	1,832 k	( 140 K	7328			
GoogleCrashHa	ndler64	.exe	1,884 k	( 124 K	8000			
csrss.exe	0.60	2,268 K 5,688 K	7784					
winlogon.exe		2,500 K 9,588 K	2272					
fontdrvhost.ex	(e	4,012 k	3,164 k	( 1616				
dwm.exe	0.60	56,452 K	85,240	K	6584			
explorer.exe Corporation	0.60	75,504 K	150,88	0 K	1400	Windows Explo	orer	Microsoft
SecurityHealth Micros	Systray. oft Corp		1,708 k	( 8,492 k	2172	Windows Secu	rity notii	ication icon
softinfo.exe Inc.	< 0.01	6,620 K 20,636	K	11564	Softwa	re Informer	Inform	er Technologies,
AcroRd32.exe Incorporated	< 0.01	78,136 K	96,004	K	11988	Adobe Reader	9.0	Adobe Systems

chrome.exe	< 0.01	111,812 K	194,19	2 K	7264	Google Chrome	Google	LLC
chrome.exe		2,144 K 6,8	372 K 9644	Google	Chrome	Google LLC		
chrome.exe		56,292 K	73,272	K	12404	Google Chrome	Google	LLC
chrome.exe		22,876 K	45,884	K	11764	Google Chrome	Google	LLC
chrome.exe		8,044 K 18	,332 K	8476	Google	Chrome Google L	LC.	
chrome.exe	< 0.01	51,328 K	97,336	K	11468	Google Chrome	Google	LLC
chrome.exe	< 0.01	25,048 K	55,636	K	9708	Google Chrome	Google	LLC
chrome.exe		13,860 K	27,164	K	11120	Google Chrome	Google	LLC
WinRAR.exe Roshal	< 0.01	18,808 K	57,140	K	8996	WinRAR archiver	r	Alexander
procexp64.exe Sysinte		77,176 K vww.sysinte	103,10 rnals.com	8 K	10540	Sysinternals Prod	cess Exp	plorer
SnippingTool.e Corporation	exe	17	,952 K	54,580	K	2540 Snipping	Tool	Microsoft
SynTPHelper.e	xe	1,0	060 K 4,584 k	( 13168				
igfxHK.exe		2,368 K 9,0	032 K 3224	igfxHK	Module	Intel Corporation	า	
igfxTray.exe		3,024 K 11	,276 K	6808				
CCXProcess.ex	е	580 K 2,2	212 K 9812	CCXPro	cess	Adobe Systems I	ncorpo	rated
node.exe		49,200 K	74,212	K	6200	Node.js: Server-s	side Jav	aScript Node.js
conhost.exe		6,516 K 10	,884 K	2156	Consol	e Window Host	Micros	oft Corporation
AdobelPCBrol	ker.exe	2,8	380 K 10,828	K	9136	Adobe IPC Broke	er	Adobe Inc

Process: RuntimeBroker.exe Pid: 11540

Type Name

ALPC Port \RPC Control\OLE7BF43BA1DAFF012A1C03ED4CA989

ALPC Port \BaseNamedObjects\[CoreUI]-PID(11540)-TID(12212) 317aca20-d767-4489-9d3d-

6e524be11b2b

Desktop \Default

Directory \KnownDlls

Directory \Sessions\4\BaseNamedObjects

Event \KernelObjects\MaximumCommitCondition

Event \BaseNamedObjects\TermSrvReadyEvent

File C:\Windows\System32

File \Device\CNG

File \Device\KsecDD

File \Device\KsecDD

File \Device\DeviceApi

File C:\Windows\System32\en-US\KernelBase.dll.mui

File \Device\KsecDD

File \Device\KsecDD

File \Device\DeviceApi

File \Device\Nsi

File \Device\DeviceApi

File C:\Windows\System32\en-US\propsys.dll.mui

File C:\Windows\System32\en-US\StartTileData.dll.mui

File C:\Windows\System32\en-US\shell32.dll.mui

File \Device\KsecDD

 $\label{lem:c:windows} File C:\Windows\WinSxS\amd64\_microsoft.windows.common-controls\_6595b64144ccf1df\_6.0.18362.267\_none\_e6c5adbd130e444d$ 

File C:\Windows\SystemResources\imageres.dll.mun

File C:\Windows\System32\en-US\AppResolver.dll.mui

Key HKLM\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Image File Execution Options

Key HKLM\SYSTEM\ControlSet001\Control\Session Manager

Key HKCR

Key HKLM\SYSTEM\ControlSet001\Control\NIs\Sorting\Versions

Key HKLM

Key HKLM\SOFTWARE\Microsoft\Ole

Key HKCU\Software\Classes\Local Settings

**HKCR** Key Key HKLM\SOFTWARE\Microsoft\WindowsRuntime HKLM\SOFTWARE\Microsoft\WindowsRuntime\ActivatableClassId Key Key HKLM\SOFTWARE\Microsoft\WindowsRuntime\Server Key HKLM\SYSTEM\ControlSet001\Services\Tcpip\Parameters Key HKCU\Software\Microsoft\Windows\CurrentVersion\ContentDeliveryManager HKLM\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services Key Key HKU Key HKLM\SYSTEM\ControlSet001\Control\Nls\Sorting\Ids Key **HKCU** Key HKCU\Software\Microsoft\Windows\CurrentVersion\Mobility Key HKLM\SYSTEM\ControlSet001\Control\Terminal Server HKCU\Software\Microsoft\Windows\CurrentVersion\Holographic Key HKCU\Software\Microsoft\Input\EC Key HKCU\Software\Microsoft\Windows\CurrentVersion\CDP Key HKLM Key Key HKCU\Software\Microsoft\Windows\CurrentVersion\Lock Screen Key HKLM\SYSTEM\ControlSet001\Control\NetworkUxManager Key HKLM\SYSTEM\ControlSet001\Services\WinSock2\Parameters\Protocol\_Catalog9 Key HKLM\SYSTEM\ControlSet001\Services\WinSock2\Parameters\NameSpace Catalog5 Key HKCU\Software\Classes\Local Settings\Software\Microsoft HKCU\Software\Classes Key Key HKLM\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\FolderDescriptions\{1AC14E77 -02E7-4E5D-B744-2EB1AE5198B7}\PropertyBag Key HKLM\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\FolderDescriptions\{F38BF404 -1D43-42F2-9305-67DE0B28FC23}\PropertyBag Key

HKLM\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\FolderDescriptions\{B4BFCC3A

-DB2C-424C-B029-7FE99A87C641}\PropertyBag

Key	LUKI A A) COETIA (A DE) A Airmana età l'Akim de con l'Occasionà (companà) (c
-B2F1-	HKLM\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\FolderDescriptions\{D65231B0 4857-A4CE-A8E7C6EA7D27}\PropertyBag
Key	HKCR\CLSID\{1f3427c8-5c10-4210-aa03-2ee45287d668}\Instance
Key	HKCU\Software\Microsoft\Windows\CurrentVersion\Explorer
Key	$HKLM\SOFTWARE\Microsoft\Windows\Current\Version\Explorer\SyncRootManager$
Key	HKLM\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\FolderDescriptions\{7C5A40EF-4BFC-874A-C0F2E0B9FA8E}\PropertyBag
Key	HKCR\CLSID\{1f3427c8-5c10-4210-aa03-2ee45287d668}\Instance
Key	HKCR\CLSID\{1f3427c8-5c10-4210-aa03-2ee45287d668}\Instance
Key	HKCR\CLSID\{1f3427c8-5c10-4210-aa03-2ee45287d668}\Instance
Key	HKCR\Launcher.AllAppsDesktopApplication
Key	HKCR\Launcher.AllAppsDesktopApplication\Shell\Open
Key	HKCR\Launcher.AllAppsDesktopApplication\Shell\OpenFileLocation
Key	HKCR\Launcher.AllAppsDesktopApplication
Key	HKCR\Launcher.AllAppsDesktopApplication\Shell\OpenFileLocation
Key	HKCR\Launcher.AllAppsDesktopApplication
Key	HKCR\Launcher.AllAppsDesktopApplication
Key	HKCR\Launcher.AllAppsDesktopApplication\Shell\Open
Key	HKCR\Launcher.AllAppsDesktopApplication
Key	HKCR\Launcher.AllAppsDesktopApplication\Shell\Open
Key	HKCR\Launcher.AllAppsDesktopApplication\Shell\OpenNewWindow
Key	HKCR\Launcher.AllAppsDesktopApplication\Shell\OpenFileLocation
Key	HKCR\Launcher.AllAppsDesktopApplication\Shell\OpenNewWindow
Key	HKCR\Launcher.AllAppsDesktopApplication
Key	HKCR\Launcher.AllAppsDesktopApplication\Shell\OpenNewWindow
Key	HKCR\Launcher.AllAppsDesktopApplication\Shell\RunAs
Key	HKCR\Launcher.AllAppsDesktopApplication\Shell\RunAs
Key	HKCR\Launcher.AllAppsDesktopApplication

Key HKCR\Launcher.AllAppsDesktopApplication\Shell\RunAs

Key HKCR\Launcher.AllAppsDesktopApplication\Shell\RunAsUser

Key HKCR\Launcher.AllAppsDesktopApplication

Key HKCR\Launcher.AllAppsDesktopApplication\Shell\RunAsUser

Key HKCR\Launcher.AllAppsDesktopApplication\Shell\RunAsUser

Key HKCR\Launcher.AllAppsDesktopApplication\Shell\Uninstall

Key HKCR\Launcher.AllAppsDesktopApplication\Shell\Uninstall

Key HKCR\Launcher.AllAppsDesktopApplication

Key HKCR\Launcher.AllAppsDesktopApplication\Shell\Uninstall

Mutant \Sessions\4\BaseNamedObjects\SM0:11540:304:WilStaging\_02

Mutant \Sessions\4\BaseNamedObjects\SM0:11540:120:WilError 02

Section \Sessions\4\BaseNamedObjects\windows\_shell\_global\_counters

Section \BaseNamedObjects\ ComCatalogCache

Section \BaseNamedObjects\\_\_ComCatalogCache\_\_

Section \Windows\Theme3098080658

Section \Sessions\4\Windows\Theme4146189822

Section \BaseNamedObjects\windows\_shell\_global\_counters

 $Section \space{2.5cm} A BaseNamedObjects \space{2.5cm} C: *ProgramData*Microsoft*Windows*Caches* \{6AF0698E-D558-4F6E-9B3C-3716689AF493\}. 2. ver0x0000000000000000d.db$ 

#### Section

#### Section

Section \Sessions\4\BaseNamedObjects\C:\*ProgramData\*Microsoft\*Windows\*Caches\*cversions.2.ro

Section \Sessions\4\BaseNamedObjects\C:\*ProgramData\*Microsoft\*Windows\*Caches\*cversions.2.ro

#### Section

\Sessions\4\BaseNamedObjects\C:\*Users\*user\*AppData\*Local\*Microsoft\*Windows\*Caches\*c versions.3.ro

#### Section

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#### Section

Semaphore \Sessions\4\BaseNamedObjects\SM0:11540:304:WilStaging\_02\_p0

Semaphore \Sessions\4\BaseNamedObjects\SM0:11540:304:WilStaging\_02\_p0h

Semaphore \Sessions\4\BaseNamedObjects\SM0:11540:120:WilError\_02\_p0

Semaphore \Sessions\4\BaseNamedObjects\SM0:11540:120:WilError 02 p0h

Thread RuntimeBroker.exe(11540): 8280

Thread RuntimeBroker.exe(11540): 9576

Thread RuntimeBroker.exe(11540): 9576

Thread RuntimeBroker.exe(11540): 12212

Thread RuntimeBroker.exe(11540): 13160

Thread RuntimeBroker.exe(11540): 10788

Thread RuntimeBroker.exe(11540): 12212

Thread RuntimeBroker.exe(11540): 10788

Thread RuntimeBroker.exe(11540): 10728

Thread RuntimeBroker.exe(11540): 10728

Thread RuntimeBroker.exe(11540): 9576

Thread RuntimeBroker.exe(11540): 12212

Thread RuntimeBroker.exe(11540): 7364

Thread RuntimeBroker.exe(11540): 1100

Thread RuntimeBroker.exe(11540): 12564

Thread RuntimeBroker.exe(11540): 2900

Thread RuntimeBroker.exe(11540): 7364

Thread RuntimeBroker.exe(11540): 12932

Thread RuntimeBroker.exe(11540): 12564

Thread RuntimeBroker.exe(11540): 2208

Thread RuntimeBroker.exe(11540): 12932

Thread RuntimeBroker.exe(11540): 6352

Thread RuntimeBroker.exe(11540): 12656

Thread RuntimeBroker.exe(11540): 13160

Thread RuntimeBroker.exe(11540): 11816

WindowStation \Sessions\4\WindowStations\WinSta0

WindowStation \Sessions\4\Windows\WindowStations\WinSta0