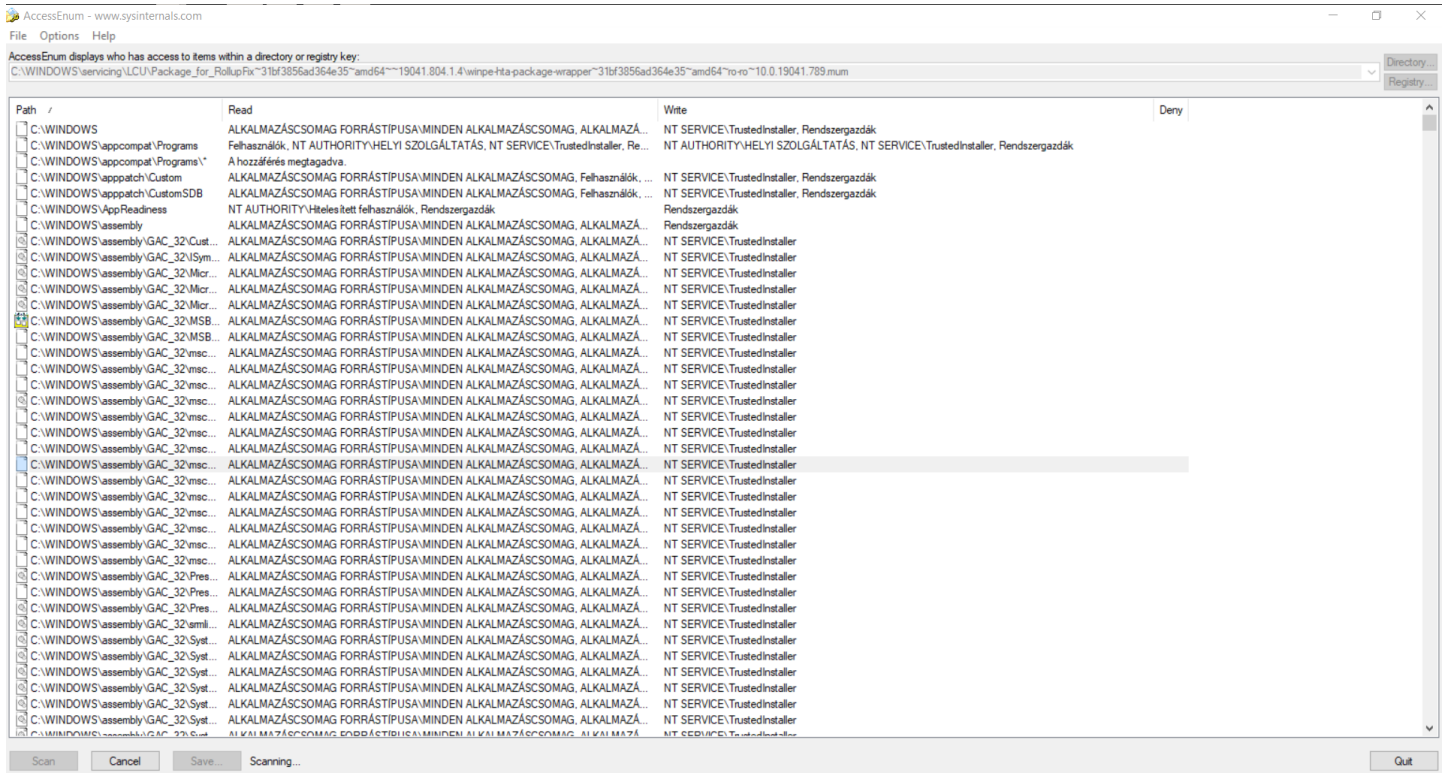


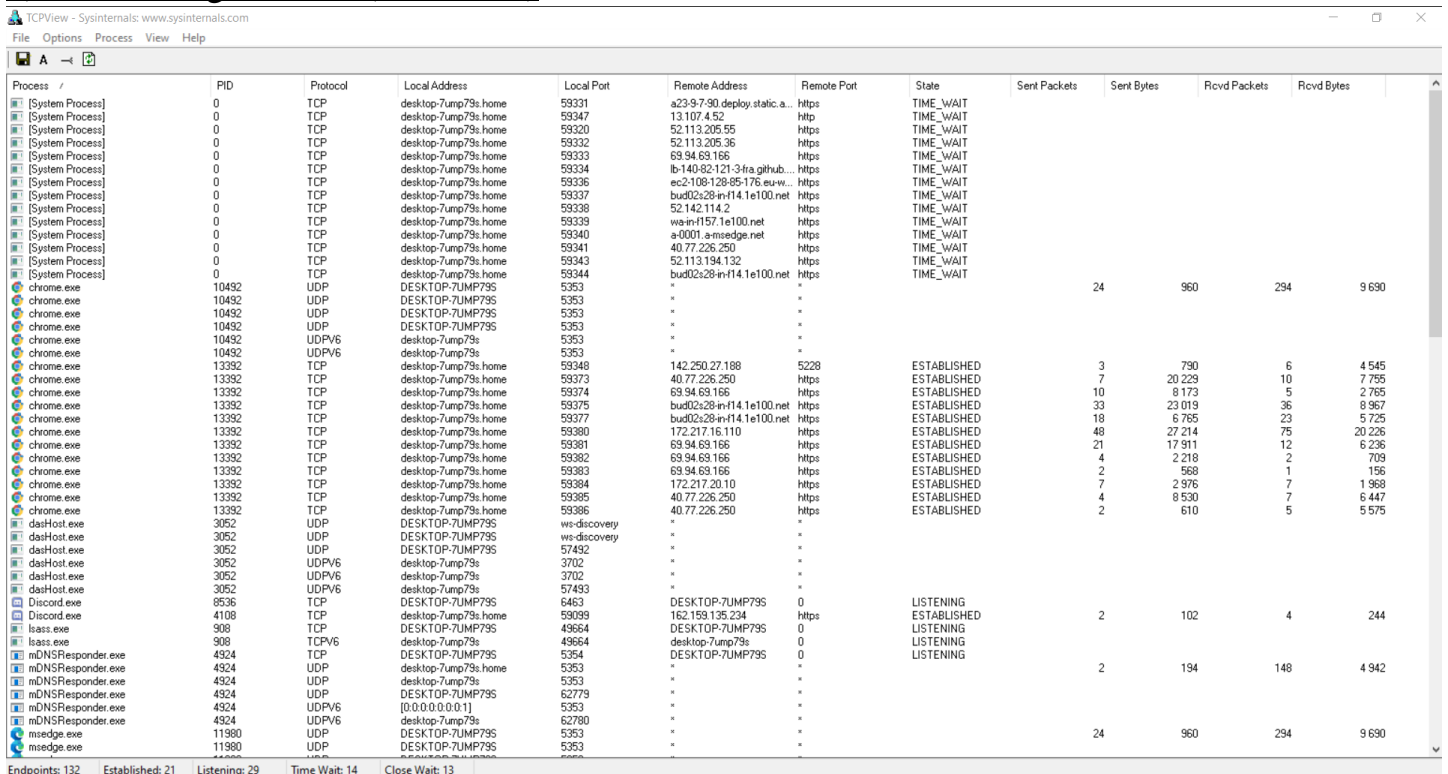
QTFL19
3. feladat

a) File and Disk Utilities (AccessEnum)



Az „AccessEnum” meg mutatja, hogy kinek milyen hozzáférése van a könyvtáraimhoz és állományaimhoz.

b) Networking Utilities (TCPView)



A „TCPView” megmutatja a rendszer összes TCP (Átviteli vezérlő protokoll) és UDP (Felhasználói Datagram Protokoll) végpontjának részletes felsorolását és a TCP kapcsolatok állapotát.

c) Process Utilities (Process Monitor)

Process Monitor - Sysinternals: www.sysinternals.com								
File Edit Event Filter Tools Options Help								
Time of Day	Process Name	PID	Operation	Path	Result	Detail		
15:49:51.96335	MsMpEng.exe	4652	ReadFile	C:\ProgramData\Microsoft\Windows Defender\Definition Updates\{DBC931EC-BD38-4DCD-8689-01509DBEE84}\mpengine.dll	SUCCESS	Offset 14 934 016, Length: 16 384, I/O Flags: Non-cac...		
15:49:51.96336	svchost.exe	3196	ReadFile	C:\Windows\System32\StateRepository\Core.dll	SUCCESS	Offset 690 688, Length: 15 872, I/O Flags: Non-cac...		
15:49:51.96374	MsMpEng.exe	4652	ReadFile	C:\ProgramData\Microsoft\Windows Defender\Definition Updates\{DBC931EC-BD38-4DCD-8689-01509DBEE84}\mpengine.dll	SUCCESS	Offset 14 929 920, Length: 4 096, I/O Flags: Non-cac...		
15:49:51.96376	MsMpEng.exe	4652	ReadFile	C:\ProgramData\Microsoft\Windows Defender\Definition Updates\{DBC931EC-BD38-4DCD-8689-01509DBEE84}\mpengine.dll	SUCCESS	Offset 14 159 872, Length: 16 384, I/O Flags: Non-cac...		
15:49:51.97015	svchost.exe	3196	ReadFile	C:\Windows\System32\StateRepository\Core.dll	SUCCESS	Offset 678 400, Length: 12 288, I/O Flags: Non-cac...		
15:49:51.97018	MsMpEng.exe	4652	ReadFile	C:\Users\user\AppData\Local\Temp\Procmon64.exe	SUCCESS	Offset 4 096, Length: 520 192, Priority: Normal		
15:49:51.97021	Explorer.EXE	9492	ReadFile	C:\Windows\System32\TaskFlowDataEngine.dll	SUCCESS	Offset 1 399 808, Length: 8 192, I/O Flags: Non-cac...		
15:49:51.97025	MsMpEng.exe	4652	ReadFile	C:\ProgramData\Microsoft\Windows Defender\Definition Updates\{DBC931EC-BD38-4DCD-8689-01509DBEE84}\mpengine.dll	SUCCESS	Offset 14 446 592, Length: 16 384, I/O Flags: Non-cac...		
15:49:51.97053	svchost.exe	3196	ReadFile	C:\Windows\System32\StateRepository\Core.dll	SUCCESS	Offset 635 904, Length: 16 384, I/O Flags: Non-cac...		
15:49:51.97092	Explorer.EXE	9492	ReadFile	C:\Windows\System32\TaskFlowDataEngine.dll	SUCCESS	Offset 1 466 368, Length: 8 192, I/O Flags: Non-cac...		
15:49:51.97103	MsMpEng.exe	4652	ReadFile	C:\ProgramData\Microsoft\Windows Defender\Definition Updates\{DBC931EC-BD38-4DCD-8689-01509DBEE84}\mpengine.dll	SUCCESS	Offset 14 438 400, Length: 8 192, I/O Flags: Non-cac...		
15:49:51.97107	svchost.exe	3196	ReadFile	C:\Windows\System32\StateRepository\Core.dll	SUCCESS	Offset 623 616, Length: 12 288, I/O Flags: Non-cac...		
15:49:51.97136	Explorer.EXE	9492	ReadFile	C:\Windows\System32\TaskFlowDataEngine.dll	SUCCESS	Offset 1 383 424, Length: 16 384, I/O Flags: Non-cac...		
15:49:51.97153	svchost.exe	3196	LockFile	C:\ProgramData\Microsoft\Windows\AppRepository\StateRepository-Machine.srd-shm	SUCCESS	Exclusive: False, Offset 123, Length: 1, Fail Immed...		
15:49:51.97161	svchost.exe	3196	QueryStandardInform...	C:\ProgramData\Microsoft\Windows\AppRepository\StateRepository-Machine.srd	SUCCESS	AllocationSize: 5 242 880, EndOfFile: 5 242 880, Nu...		
15:49:51.97163	svchost.exe	3196	QueryStandardInform...	C:\ProgramData\Microsoft\Windows\AppRepository\StateRepository-Machine.srd	SUCCESS	AllocationSize: 5 242 880, EndOfFile: 5 242 880, Nu...		
15:49:51.97172	svchost.exe	3196	UnlockFileSingle	C:\ProgramData\Microsoft\Windows\AppRepository\StateRepository-Machine.srd-shm	SUCCESS	Offset 123, Length: 1		
15:49:51.97182	MsMpEng.exe	4652	LockFile	C:\ProgramData\Microsoft\Windows Defender\Scans\mpengine\edb-db-shm	SUCCESS	Exclusive: True, Offset 124, Length: 1, Fail Immed...		
15:49:51.97188	Explorer.EXE	9492	RegSetValue	HKCU\SOFTWARE\Microsoft\Windows\CurrentVersion\ActivityDataModel\ReaderRevisionInfo{64311EE4-9D37-598A-784D-3F9FCA6D4FD0}	SUCCESS	Type: REG_MULTI_SZ, Length: 273, Data: 1?4?...		
15:49:51.97223	MsMpEng.exe	4652	UnlockFileSingle	C:\ProgramData\Microsoft\Windows Defender\Scans\mpengine\edb-db-shm	SUCCESS	Offset 124, Length: 1		
15:49:51.97227	MsMpEng.exe	4652	LockFile	C:\ProgramData\Microsoft\Windows Defender\Scans\mpengine\edb-db-shm	SUCCESS	Exclusive: False, Offset 124, Length: 1, Fail Immed...		
15:49:51.97228	svchost.exe	7744	ReadFile	C:\Windows\System32\winsqlite3.dll	SUCCESS	Offset 864 256, Length: 15 872, I/O Flags: Non-cac...		
15:49:51.97296	ctfmon.exe	10972	ReadFile	C:\Windows\System32\inputService.dll	SUCCESS	Offset 4 088 320, Length: 16 384, I/O Flags: Non-cac...		
15:49:51.97306	svchost.exe	7744	ReadFile	C:\Windows\System32\winsqlite3.dll	SUCCESS	Offset 799 232, Length: 16 384, I/O Flags: Non-cac...		
15:49:51.97351	ctfmon.exe	10972	ReadFile	C:\Windows\System32\TextInputFramework.dll	SUCCESS	Offset 878 080, Length: 12 288, I/O Flags: Non-cac...		
15:49:51.97355	Explorer.EXE	9492	ReadFile	C:\Windows\System32\UIAnimation.dll	SUCCESS	Offset 212 480, Length: 13 312, I/O Flags: Non-cac...		
15:49:51.97383	svchost.exe	7744	ReadFile	C:\Windows\System32\winsqlite3.dll	SUCCESS	Offset 851 968, Length: 12 288, I/O Flags: Non-cac...		
15:49:51.97405	ctfmon.exe	10972	RegQueryKey	HKLM	SUCCESS	Query: HandleTags, HandleTags: 0x0		
15:49:51.97409	ctfmon.exe	10972	RegOpenKey	HKLM\Software\Microsoft\Input\Settings	SUCCESS	Desired Access: Read		
15:49:51.97413	Explorer.EXE	9492	ReadFile	C:\Windows\System32\UIAnimation.dll	SUCCESS	Offset 193 536, Length: 12 288, I/O Flags: Non-cac...		
15:49:51.97414	ctfmon.exe	10972	RegQueryKey	HKCU	SUCCESS	Query: HandleTags, HandleTags: 0x0		
15:49:51.97417	ctfmon.exe	10972	RegOpenKey	HKCU\Software\Microsoft\Input\Settings	SUCCESS	Desired Access: Read		
15:49:51.97423	ctfmon.exe	10972	RegQueryKey	HKCU\SOFTWARE\Microsoft\Input\Settings	SUCCESS	Query: HandleTags, HandleTags: 0x0		
15:49:51.97426	ctfmon.exe	10972	RegOpenKey	HKLM\SOFTWARE\Microsoft\Input\Settings\proc_1\loc_0409\im_1	SUCCESS	Desired Access: Query Value		
15:49:51.97429	ctfmon.exe	10972	RegQueryValue	HKLM\SOFTWARE\Microsoft\Input\Settings\proc_1\loc_0409\im_1\UserAwareOfExpressiveInputShellHotKey	SUCCESS	Type: REG_DWORD, Length: 4, Data: 0		
15:49:51.97433	ctfmon.exe	10972	RegCloseKey	HKLM\SOFTWARE\Microsoft\Input\Settings\proc_1\loc_0409\im_1	SUCCESS			
15:49:51.97436	ctfmon.exe	10972	RegQueryKey	HKCU\SOFTWARE\Microsoft\Input\Settings	SUCCESS	Query: HandleTags, HandleTags: 0x0		
15:49:51.97440	ctfmon.exe	10972	RegOpenKey	HKCU\SOFTWARE\Microsoft\Input\Settings\proc_1\loc_0409\im_1	SUCCESS	Desired Access: Read		
15:49:51.97443	ctfmon.exe	10972	RegQueryValue	HKCU\SOFTWARE\Microsoft\Input\Settings\proc_1\loc_0409\im_1\UserAwareOfExpressiveInputShellHotKey	SUCCESS	Type: REG_DWORD, Length: 4, Data: 1		
15:49:51.97445	svchost.exe	7744	ReadFile	C:\Windows\System32\winsqlite3.dll	SUCCESS	Offset 786 944, Length: 8 192, I/O Flags: Non-cac...		
15:49:51.97446	Explorer.EXE	9492	RegOpenKey	HKCU	SUCCESS	Desired Access: Query Value		
15:49:51.97448	ctfmon.exe	10972	RegCloseKey	HKCU\SOFTWARE\Microsoft\Input\Settings\proc_1\loc_0409\im_1	SUCCESS			
15:49:51.97451	ctfmon.exe	10972	RegCloseKey	HKLM\SOFTWARE\Microsoft\Input\Settings	SUCCESS			
15:49:51.97452	Explorer.EXE	9492	RegCloseKey	HKCU	SUCCESS			
15:49:51.97454	ctfmon.exe	10972	RegCloseKey	HKCU\SOFTWARE\Microsoft\Input\Settings	SUCCESS			
15:49:51.97456	ctfmon.exe	10972	RegQueryKey	HKLM	SUCCESS	Query: HandleTags, HandleTags: 0x0		
15:49:51.97459	ctfmon.exe	10972	RegOpenKey	HKLM\Software\Microsoft\Input\Settings	SUCCESS	Desired Access: Read		
15:49:51.97463	ctfmon.exe	10972	RegQueryKey	HKCU	SUCCESS	Query: HandleTags, HandleTags: 0x0		
15:49:51.97467	ctfmon.exe	10972	RegOpenKey	HKCU\Software\Microsoft\Input\Settings	SUCCESS	Desired Access: Read		
15:49:51.97470	ctfmon.exe	10972	RegOpenKey	HKCU\Software\Microsoft\Input\Settings	SUCCESS	Desired Access: Read		
Showing 311 985 of 791 110 events (39%)						Backed by virtual memory		

A „Process Monitor” egy valós idejű fájlrendszer, nyilvántartását és folyamatí tevékenységet mutat.

d) Security Utilities (Autoruns)

Autoruns - Sysinternals: www.sysinternals.com								
File Entry Options Help								
Filter								
Network Providers								
Everything Logon Explorer Internet Explorer Scheduled Tasks Services Drivers WMI								
Image Hijacks AppInit KnownDLLs Winlogon Winsock Providers Print Monitors LSA Providers								
Autorun Entry	Description	Publisher	Image Path	Timestamp	VirusTotal			
<input checked="" type="checkbox"/> HKLM\SYSTEM\CurrentControlSet\Control\SafeBoot\AlternateShell				2019. 12. 07. 10:15				
<input checked="" type="checkbox"/> cmd.exe	Windows Command Processor (Verified)	Microsoft Windows	c:\windows\system32\cmd.exe	1953. 12. 11. 3:58				
<input checked="" type="checkbox"/> HKLM\SOFTWARE\Microsoft\Windows\CurrentVersion\Run				2021. 02. 14. 19:41				
<input checked="" type="checkbox"/> Adobe GCInvoker...	Adobe GC Invoker Utility (Verified)	Adobe Inc.	c:\program files (x86)\commo...	2020. 09. 23. 4:18				
<input checked="" type="checkbox"/> HKLM\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\Run				2021. 02. 20. 11:44				
<input checked="" type="checkbox"/> abtusb	Tablet HID (Not verified)	Aiptek	c:\windows\system32\abttus...	2002. 03. 11. 4:42				
<input checked="" type="checkbox"/> SunJavaUpdate...	Java Update Scheduler (Verified)	Oracle America, Inc.	c:\program files (x86)\commo...	2015. 06. 09. 3:06				
<input checked="" type="checkbox"/> Wondershare He...	Wondershare Studio (Verified)	Wondershare softw...	c:\program files (x86)\commo...	2016. 10. 08. 9:49				
<input checked="" type="checkbox"/> HKCU\SOFTWARE\Microsoft\Windows\CurrentVersion\Run				2021. 02. 05. 16:06				
<input checked="" type="checkbox"/> BitTorrent			File not found: C:\Users\user...					
<input checked="" type="checkbox"/> com.squirrel.Tea...	Microsoft Teams (Verified)	Microsoft 3rd Party...	c:\users\user\appdata\local...	2020. 10. 02. 13:48				
<input checked="" type="checkbox"/> Discord	Update (Verified)	Discord Inc.	c:\users\user\appdata\local...	2020. 06. 01. 21:58				
<input checked="" type="checkbox"/> Google Update	Google Update Core (Verified)	Google LLC	c:\users\user\appdata\local...	2021. 01. 22. 5:58				
<input checked="" type="checkbox"/> HKLM\SOFTWARE\Microsoft\Active Setup\Installed Components				2020. 07. 08. 16:42				
<input checked="" type="checkbox"/> Google Chrome	Google Chrome Installer (Verified)	Google LLC	c:\program files (x86)\google...	2021. 02. 13. 0:08				
<input checked="" type="checkbox"/> Microsoft Edge	Microsoft Edge Installer (Verified)	Microsoft Corporation	c:\program files (x86)\microso...	2021. 02. 17. 4:41				
<input checked="" type="checkbox"/> n/a	Microsoft .NET IE SECURITY ... (Verified)	Microsoft Corporation	c:\windows\system32\mscso...	2019. 10. 25. 4:45				
<input checked="" type="checkbox"/> HKLM\SOFTWARE\Wow6432Node\Microsoft\Active Setup\Installed Components				2020. 07. 08. 16:42				
<input checked="" type="checkbox"/> n/a	Microsoft .NET IE SECURITY ... (Verified)	Microsoft Corporation	c:\windows\system32\mscso...	2019. 10. 25. 9:48				
<input checked="" type="checkbox"/> HKLM\SOFTWARE\Classes\Protocols\Filter				2020. 07. 02. 21:34				
<input checked="" type="checkbox"/> text/xml	Microsoft Office XML MIME Fil... (Verified)	Microsoft Corporation	c:\program files\common files...	2006. 10. 27. 4:32				
<input checked="" type="checkbox"/> HKLM\SOFTWARE\Classes\Protocols\Handler				2020. 07. 02. 21:34				
<input checked="" type="checkbox"/> ms-help	Microsoft® Help Data Service... (Verified)	Microsoft Corporation	c:\program files\common files...	2015. 07. 30. 13:30				
<input checked="" type="checkbox"/> mso-minsb.16	Microsoft Office 2016 compon... (Verified)	Microsoft Corporation	c:\program files\microsoft offi...	2015. 07. 30. 13:04				
<input checked="" type="checkbox"/> osf16	Microsoft Office 2016 compon... (Verified)	Microsoft Corporation	c:\program files\microsoft offi...	2015. 07. 30. 13:04				
<input checked="" type="checkbox"/> HKLM\Software\Classes\ShellEx\ContextMenu-Handlers				2021. 02. 11. 19:07				
<input checked="" type="checkbox"/> GDContextMenu	Google Drive shell extension (Verified)	Google LLC	c:\program files\google\drive...	2021. 01. 21. 2:17				
<input checked="" type="checkbox"/> MEGA (Context m...	(Verified)	Mega Limited	c:\users\user\appdata\local...	2019. 02. 07. 22:44				
<input checked="" type="checkbox"/> WinRAR	WinRAR shell extension (Verified)	win.rar GmbH	c:\program files\winrar\arext.dl...	2019. 02. 24. 20:03				
<input checked="" type="checkbox"/> HKLM\Software\Classes\AllFileSystemObjects\ShellEx\ContextMenu-Handlers				2020. 10. 26. 15:13				
<input checked="" type="checkbox"/> MEGA (Context m...	(Verified)	Mega Limited	c:\users\user\appdata\local...	2019. 02. 07. 22:44				
<input checked="" type="checkbox"/> HKLM\Software\Classes\Directory\ShellEx\ContextMenu-Handlers				2021. 01. 30. 13:49				
<input checked="" type="checkbox"/> GDContextMenu	Google Drive shell extension (Verified)	Google LLC	c:\program files\google\drive...	2021. 01. 21. 2:17				
<input checked="" type="checkbox"/> MEGA (Context m...	(Verified)	Mega Limited	c:\users\user\appdata\local...	2019. 02. 07. 22:44				
<input checked="" type="checkbox"/> WinRAR	WinRAR shell extension (Verified)	win.rar GmbH	c:\program files\winrar\arext.dl...	2019. 02. 24. 20:03				
Ready.						Signed Windows Entries Hidden.		

Az „Autoruns” megmutatja, hogy mely programok vannak konfigurálva futtatásra a rendszer indításakor emellett itt található a rendszerleíró adatbázis és a fájlok teljes listája.

e) Information Utilities (PSinfo)

```

Command Prompt

1B8: Section      \Windows\Theme4058696755
1D4: File         C:\Windows\WinSxS\amd64_microsoft.windows.common-controls_6595b64144ccf1df_6.0.19041.746_none_ca02b
4b61b8320a4
288: File         C:\Windows\Fonts\StaticCache.dat
29C: Section      \Sessions\9\BaseNamedObjects\windows_shell_global_counters

C:\Users\user>psinfo

PsInfo v1.78 - Local and remote system information viewer
Copyright (C) 2001-2016 Mark Russinovich
Sysinternals - www.sysinternals.com

System information for \\DESKTOP-7UMP79S:
Uptime:           Error reading uptime
Kernel version:   Windows 10 Enterprise, Multiprocessor Free
Product type:     Professional
Product version:  6.3
Service pack:     0
Kernel build number: 19041
Registered organization:
Registered owner: user
IE version:       9.0000
System root:      C:\WINDOWS
Processors:       8
Processor speed:  2.5 GHz
Processor type:   Intel(R) Core(TM) i7-6700HQ CPU @
Physical memory:  1970 MB
Video driver:

C:\Users\user>

```

A „PSinfo”-ból tudjuk beszerezni az információkat a rendszerünkről.

+feladat (Process Explorer)

Process Explorer - Sysinternals: www.sysinternals.com [DESKTOP-7UMP79S\Ezti]

Process	CPU	Private Bytes	Working Set	PID	Description	Company Name
Secure System	Susp...	184 K	22 788 K	72		
Registry		14 000 K	87 436 K	132		
System Idle Process	98.45	60 K	8 K	0		
System	0.05	196 K	96 K	4		
Interrupts	0.13	0 K	0 K	n/a	Hardware Interrupts and DPCs	
smss.exe		1 048 K	1 016 K	484		
Memory Compression		1 836 K	308 308 K	2836		
csrss.exe	< 0.01	1 952 K	4 176 K	700		
wininit.exe		1 840 K	4 740 K	808		
services.exe	< 0.01	6 636 K	8 736 K	880		
svchost.exe		21 116 K	31 828 K	704	Windows-szolgáltatások gaz...	Microsoft Corporation
unsecapp.exe		2 348 K	5 952 K	7012		
WmiPrvSE.exe		4 736 K	10 196 K	6392		
MoUsCoreWorker.exe		39 528 K	31 388 K	8428		
StartMenuExperienceHost.exe		28 076 K	61 136 K	9692		
RuntimeBroker.exe		5 852 K	23 624 K	13236	Runtime Broker	Microsoft Corporation
SearchApp.exe	Susp...	209 828 K	103 696 K	4288	Search application	Microsoft Corporation
RuntimeBroker.exe		12 596 K	39 936 K	14412	Runtime Broker	Microsoft Corporation
YourPhone.exe	Susp...	25 048 K	41 584 K	12320	YourPhone	Microsoft Corporation
TelemetryHost.exe		11 760 K	41 892 K	13096		Microsoft Corporation
RuntimeBroker.exe		7 100 K	26 560 K	16232	Runtime Broker	Microsoft Corporation
dllhost.exe		11 692 K	20 172 K	10392	COM Surrogate	Microsoft Corporation
Cortana.exe	Susp...	28 904 K	57 020 K	15612	Cortana	Microsoft Corporation
RuntimeBroker.exe		4 668 K	23 008 K	11968	Runtime Broker	Microsoft Corporation
RuntimeBroker.exe		2 896 K	14 000 K	892	Runtime Broker	Microsoft Corporation
ApplicationFrameHost.exe		20 264 K	27 216 K	2264	Application Frame Host	Microsoft Corporation
WinStoreApp.exe	Susp...	53 096 K	2 324 K	16380	Store	Microsoft Corporation
RuntimeBroker.exe		5 712 K	18 528 K	5324	Runtime Broker	Microsoft Corporation
SystemSettings.exe	Susp...	19 308 K	2 084 K	15540	Gépház	Microsoft Corporation
ShellExperienceHost.exe		11 952 K	44 208 K	13856	Windows Shell Experience H...	Microsoft Corporation
RuntimeBroker.exe		2 600 K	16 168 K	3804	Runtime Broker	Microsoft Corporation
MicrosoftPhotos.exe	Susp...	52 176 K	2 976 K	14712		
RuntimeBroker.exe		10 708 K	31 960 K	14848	Runtime Broker	Microsoft Corporation
SearchApp.exe		91 788 K	161 572 K	16160	Search application	Microsoft Corporation
SettingSyncHost.exe		2 424 K	6 196 K	9120	Host Process for Setting Syn...	Microsoft Corporation
dllhost.exe		1 912 K	13 052 K	2692	COM Surrogate	Microsoft Corporation
RuntimeBroker.exe		2 272 K	10 308 K	12936	Runtime Broker	Microsoft Corporation
WUDFHost.exe		25 708 K	8 976 K	960		
svchost.exe	< 0.01	14 308 K	18 364 K	1148	Windows-szolgáltatások gaz...	Microsoft Corporation
svchost.exe	< 0.01	3 944 K	8 096 K	1216	Windows-szolgáltatások gaz...	Microsoft Corporation
svchost.exe	< 0.01	4 248 K	7 520 K	1400	Windows-szolgáltatások gaz...	Microsoft Corporation
svchost.exe		2 184 K	5 332 K	1448	Windows-szolgáltatások gaz...	Microsoft Corporation
svchost.exe		2 708 K	8 204 K	1456	Windows-szolgáltatások gaz...	Microsoft Corporation
svchost.exe		3 020 K	8 908 K	1464	Windows-szolgáltatások gaz...	Microsoft Corporation
svchost.exe		1 184 K	3 584 K	1480	Windows-szolgáltatások gaz...	Microsoft Corporation

CPU Usage: 1.55% Commit Charge: 55.04% Processes: 237 Physical Usage: 66.99%

QTFL19

System Information

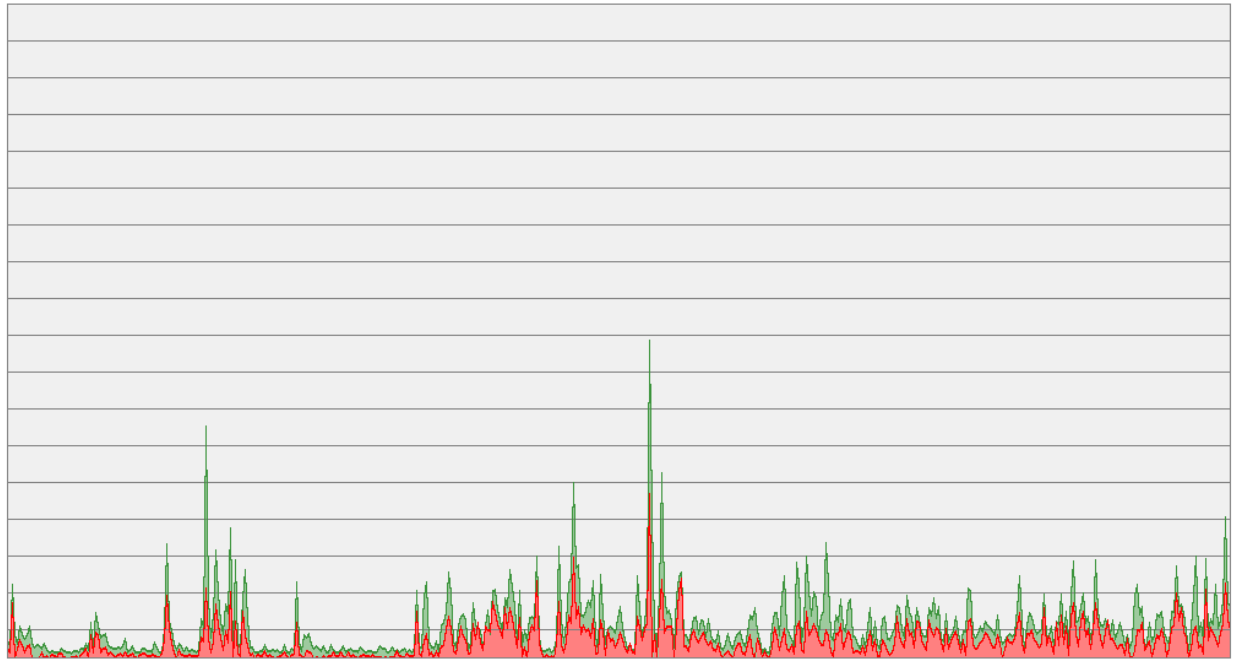
— □ ×

Summary CPU Memory I/O GPU

CPU



8.37%



Totals

Handles	100 219
Threads	3 171
Processes	237

CPU

Context Switch	39 767
Interrupt Delta	19 979
DPC Delta	1 120

Topology

Cores	4
Sockets	1
Logical Processors	8

☐ Show one graph per CPU

OK

System Information

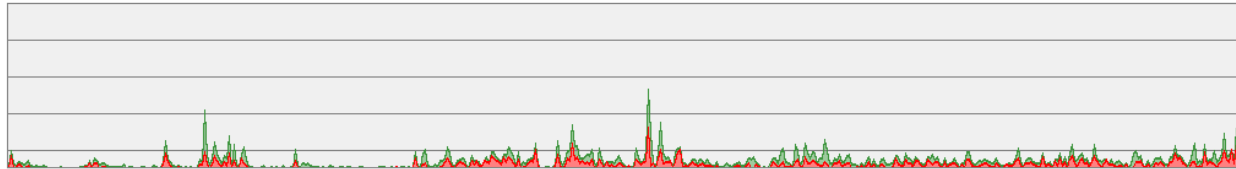
— □ ×

Summary CPU Memory I/O GPU

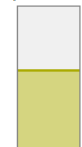
CPU



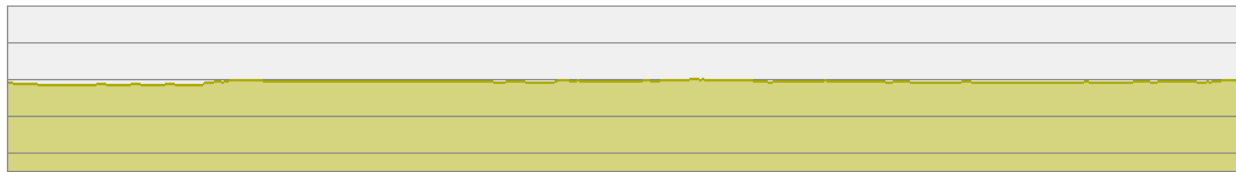
2.98%



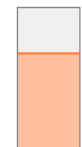
System



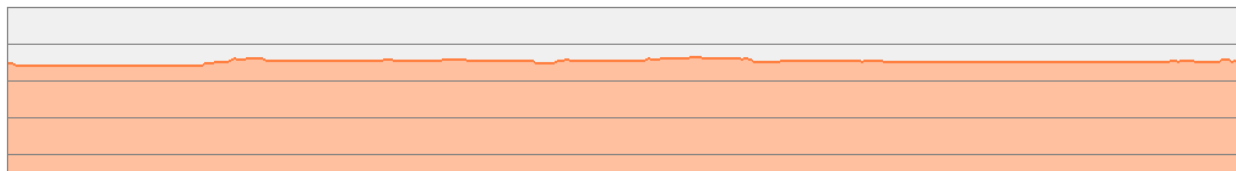
7.3 GB



Physical Memory



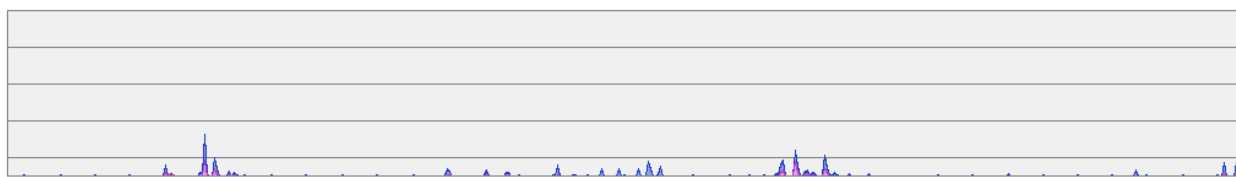
5.4 GB



I/O



127.6 KB

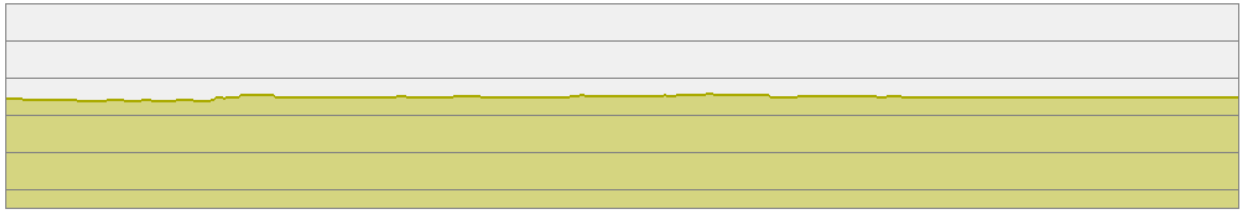


OK

System



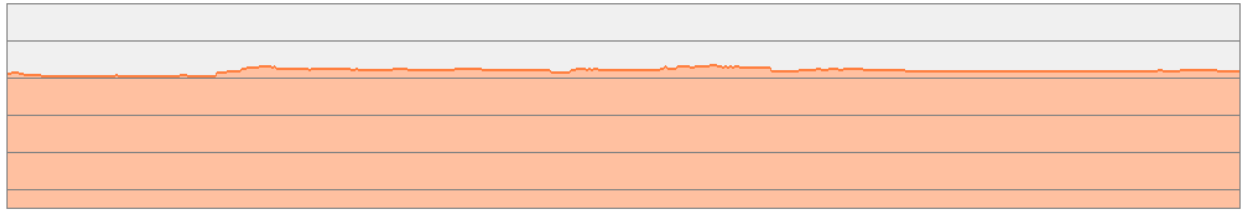
7.3 GB



Physical Memory



5.4 GB



Commit Charge (K)

Current	7 615 228
Limit	13 786 672
Peak	16 078 720

Peak/Limit	116.63%
Current/Limit	55.24%

Kernel Memory (K)

Paged WS	474 096
Paged Virtual	539 900
Paged Limit	no symbols

Nonpaged	363 276
Nonpaged Limit	8 281 648

Paging Lists (K)

Zeroed	146 472
Free	1 056
Modified	59 820
ModifiedNoWrite	224

Standby	2 505 632
---------	-----------

Priority 0	33 616
Priority 1	8 776
Priority 2	7 564
Priority 3	0
Priority 4	17 436
Priority 5	2 280 436
Priority 6	10 060
Priority 7	147 744
PageFileModified	59 332

Physical Memory (K)

Total	8 281 648
Available	2 653 160
Cache WS	347 400
Kernel WS	8
Driver WS	7 288

Paging

Page Fault Delta	10 482
Page Read Delta	6
Paging File Write Delta	0
Mapped File Write Delta	0

OK