



NOME | RA

IZAEL REIS DE OLIVEIRA JUNIOR | (01242032)

SISTEMAS OPERACIONAIS

Professor(a): Vivian Silva e Matheus Matos

SÃO PAULO

08/24

```
Windows PowerShell
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Experimente a nova plataforma cruzada PowerShell https://aka.ms/pscore6

PS C:\Users\izael> Get-Help ls

NOME
    Get-ChildItem

SINTAXE
    Get-ChildItem [[-Path] <string[]>] [[-Filter] <string>] [<CommonParameters>]

    Get-ChildItem [[-Filter] <string>] [<CommonParameters>]

ALIASSES
    gci
    ls
    dir

COMENTÁRIOS
    Get-Help não consegue localizar os arquivos de Ajuda para o cmdlet neste computador. Apenas a ajuda parcial está
    sendo exibida.
    -- Para baixar e instalar arquivos de Ajuda para o módulo que inclui esse cmdlet, use Update-Help.
    -- Para visualizar o tópico de Ajuda desse cmdlet online, digite: "Get-Help Get-ChildItem -Online" ou
       acesse https://go.microsoft.com/fwlink/?LinkID=113308.

PS C:\Users\izael> Get-Help Service

Name
----
Get-Service          Cmdlet    Microsoft.PowerShell.M... ...
New-Service          Cmdlet    Microsoft.PowerShell.M... ...
New-WebServiceProxy  Cmdlet    Microsoft.PowerShell.M... ...
Restart-Service      Cmdlet    Microsoft.PowerShell.M... ...
Resume-Service       Cmdlet    Microsoft.PowerShell.M... ...
Set-Service          Cmdlet    Microsoft.PowerShell.M... ...
Start-Service        Cmdlet    Microsoft.PowerShell.M... ...
Stop-Service         Cmdlet    Microsoft.PowerShell.M... ...
Suspend-Service      Cmdlet    Microsoft.PowerShell.M... ...
Set-NetFirewallServiceFilter Function   NetSecurity ...
Get-NetFirewallServiceFilter Function   NetSecurity ...

PS C:\Users\izael>
```

```
Windows PowerShell
PS C:\Users\izael> cd
PS C:\Users\izael> dir

Diretório: C:\Users\izael

Mode                LastWriteTime         Length Name
----                -
d-----          23/02/2024      18:44         .android
d-----          28/09/2023      16:21         .atom
d-----          12/05/2022      14:09         .dotnet
d-----          28/09/2023      15:27         .ssh
d-----          12/05/2022      14:46         .templateengine
d-----          13/10/2021      21:14         .VirtualBox
d-----          04/01/2024      17:25         .vscode
d-r-----        29/06/2021      19:07         3D Objects
d-----          13/09/2021      17:49         ansel
d-----          18/10/2021      00:33         Cisco Packet Tracer 8.0.1
d-r-----        29/06/2021      19:07         Contacts
d-r-----          28/08/2022      13:43         Desktop
d-----          21/08/2024      21:08         Documents
d-r-----          25/08/2024      13:00         Downloads
d-r-----        29/06/2021      19:07         Favorites
d-r-----        29/06/2021      19:07         Links
d-r-----          17/11/2023      16:10         Music
dar--l          08/05/2022      20:20         OneDrive
d-----          06/10/2023      14:53         PycharmProjects
d-r-----          08/01/2022      01:52         Saved Games
d-r-----        29/06/2021      19:09         Searches
d-----          17/09/2021      13:02         source
d-r-----          25/08/2024      12:55         Videos
-a-----          09/02/2024      17:19      8048 .bash_history
-a-----          28/09/2023      14:55         63 .gitconfig
-a-----          09/02/2024      02:16         20 .lessht
-a-----          18/10/2021      00:19         176 .packettracer
-a-----          10/01/2024      02:15      1550 .viminfo

PS C:\Users\izael> Get-ChildItem

Diretório: C:\Users\izael

Mode                LastWriteTime         Length Name
----                -
d-----          23/02/2024      18:44         .android
d-----          28/09/2023      16:21         .atom
d-----          12/05/2022      14:09         .dotnet
d-----          28/09/2023      15:27         .ssh
d-----          12/05/2022      14:46         .templateengine
d-----          13/10/2021      21:14         .VirtualBox
d-----          04/01/2024      17:25         .vscode
d-r-----        29/06/2021      19:07         3D Objects
d-----          13/09/2021      17:49         ansel
d-----          18/10/2021      00:33         Cisco Packet Tracer 8.0.1
d-r-----        29/06/2021      19:07         Contacts
d-r-----          28/08/2022      13:43         Desktop
d-----          21/08/2024      21:08         Documents
d-r-----          25/08/2024      13:00         Downloads
d-r-----        29/06/2021      19:07         Favorites
d-r-----        29/06/2021      19:07         Links
d-r-----          17/11/2023      16:10         Music
dar--l          08/05/2022      20:20         OneDrive
d-----          06/10/2023      14:53         PycharmProjects
d-r-----          08/01/2022      01:52         Saved Games
d-r-----        29/06/2021      19:09         Searches
d-----          17/09/2021      13:02         source
```

```
PS C:\Users\izael> New-Item -Name minha_pasta -ItemType Directory
```

```
    Diretório: C:\Users\izael
```

Mode	LastWriteTime	Length	Name
d-----	25/08/2024 14:01		minha_pasta

```
PS C:\Users\izael> New-Item teste.txt
```

```
    Diretório: C:\Users\izael
```

Mode	LastWriteTime	Length	Name
-a-----	25/08/2024 14:01	0	teste.txt

```
PS C:\Users\izael> █
```

```
PS C:\Users\izael> Remove-Item teste.txt
PS C:\Users\izael> ls
```

Diretório: C:\Users\izael

Mode	LastWriteTime	Length	Name
d-----	23/02/2024	18:44	.android
d-----	28/09/2023	16:21	.atom
d-----	12/05/2022	14:09	.dotnet
d-----	28/09/2023	15:27	.ssh
d-----	12/05/2022	14:46	.templateengine
d-----	13/10/2021	21:14	.VirtualBox
d-----	04/01/2024	17:25	.vscode
d-r--	29/06/2021	19:07	3D Objects
d-----	13/09/2021	17:49	ansel
d-----	18/10/2021	00:33	Cisco Packet Tracer 8.0.1
d-r--	29/06/2021	19:07	Contacts
d-r--	28/08/2022	13:43	Desktop
d-----	21/08/2024	21:08	Documents
d-r--	25/08/2024	13:00	Downloads
d-r--	29/06/2021	19:07	Favorites
d-r--	29/06/2021	19:07	Links
d-----	25/08/2024	14:01	minha_pasta
d-r--	17/11/2023	16:10	Music
dar--l	08/05/2022	20:20	OneDrive
d-----	06/10/2023	14:53	PycharmProjects
d-r--	08/01/2022	01:52	Saved Games
d-r--	29/06/2021	19:09	Searches
d-----	17/09/2021	13:02	source
d-r--	25/08/2024	12:55	Videos
-a----	09/02/2024	17:19	8048 .bash_history
-a----	28/09/2023	14:55	63 .gitconfig
-a----	09/02/2024	02:16	20 .lessht
-a----	18/10/2021	00:19	176 .packettracer
-a----	10/01/2024	02:15	1550 .viminfo

```
PS C:\Users\izael> cd .\minha_pasta\
PS C:\Users\izael\minha_pasta> ls
PS C:\Users\izael\minha_pasta> cd..
PS C:\Users\izael> Remove-Item minha_pasta -Recurse
PS C:\Users\izael> ls
```

Diretório: C:\Users\izael

Mode	LastWriteTime	Length	Name
d-----	23/02/2024	18:44	.android
d-----	28/09/2023	16:21	.atom
d-----	12/05/2022	14:09	.dotnet
d-----	28/09/2023	15:27	.ssh
d-----	12/05/2022	14:46	.templateengine
d-----	13/10/2021	21:14	.VirtualBox
d-----	04/01/2024	17:25	.vscode
d-r--	29/06/2021	19:07	3D Objects
d-----	13/09/2021	17:49	ansel
d-----	18/10/2021	00:33	Cisco Packet Tracer 8.0.1
d-r--	29/06/2021	19:07	Contacts
d-r--	28/08/2022	13:43	Desktop
d-----	21/08/2024	21:08	Documents
d-r--	25/08/2024	13:00	Downloads
d-r--	29/06/2021	19:07	Favorites
d-r--	29/06/2021	19:07	Links

PS C:\Users\izael> ps

Handles	NPM(K)	PM(K)	WS(K)	CPU(s)	Id	SI	ProcessName
98	5	956	4924		2468	0	AggregatorHost
289	14	22380	36380	0,30	1348	1	ai
381	22	15640	32500	0,14	10372	1	ApplicationFrameHost
515	38	42140	1480	0,30	4848	1	CalculatorApp
302	25	49120	85092	2,13	1848	1	chrome
407	38	261444	302572	67,64	2304	1	chrome
297	17	12236	24520	0,16	6944	1	chrome
662	40	205076	198052	84,63	7552	1	chrome
327	24	29104	73144	0,53	7724	1	chrome
234	10	6808	9352	0,03	8204	1	chrome
1842	60	147952	270608	103,03	8328	1	chrome
244	15	15996	24764	0,50	8348	1	chrome
370	23	26128	53792	8,02	8864	1	chrome
400	27	96868	119492	12,31	9080	1	chrome
296	23	36052	65700	0,91	9272	1	chrome
249	20	21656	32144	0,05	9960	1	chrome
388	24	62432	103804	1,63	10928	1	chrome
144	7	1456	9072	0,08	8760	1	CompPkgSrv
134	9	6540	12320		4364	0	conhost
275	14	5704	17260	0,34	5392	1	conhost
130	10	6676	12624	0,02	6304	1	conhost
111	7	6324	600	0,05	6780	1	conhost
108	7	6228	10444		8528	0	conhost
595	22	2032	5860		628	0	csrss
578	24	2544	5976		740	1	csrss
441	17	4256	21292	10,53	6328	1	ctfmon
358	17	3540	12952		5084	0	dasHost
209	17	3260	11416		5132	0	dllhost
266	16	3988	13056	0,19	10672	1	dllhost
1135	47	70976	72076		1396	1	dwm
2949	106	162784	187348	19,05	7032	1	explorer
372	20	5508	22220	0,05	10420	1	FileCoAuth
50	6	1848	4556		964	0	fontdrvhost
50	12	3320	9144		1028	1	fontdrvhost
0	0	60	8		0	0	Idle
379	17	2836	14368	0,06	10788	1	jucheck
265	15	2192	16208	0,05	8292	1	jusched
268	20	12892	20340	2,48	1476	1	Lightshot
1434	27	8192	23076		800	0	lsass
0	0	72	316		2004	0	Memory Compression
388	22	13832	32264		7328	0	MoUsoCoreWorker
473	16	10296	22296		3600	0	MpDefenderCoreService
839	198	294252	191452		3780	0	MsMpEng
128	12	33496	24396		3496	0	mysqld
487	298	591604	196568		4260	0	mysqld
205	39	3696	11068		4800	0	NisSrv
699	35	12372	40468		3512	0	nvcontainer
361	20	8068	28752	0,84	6164	1	nvcontainer
503	28	41724	57624	8,06	6380	1	nvcontainer
446	22	22468	36356		1616	0	NVDisplay.Container
615	29	38468	48692		2768	1	NVDisplay.Container

PS C:\Users\izael> ps | sort -p ws | select -last 5

Handles	NPM(K)	PM(K)	WS(K)	CPU(s)	Id	SI	ProcessName
662	40	205072	197920	84,63	7552	1	chrome
1733	66	208792	219376	5,06	6192	1	WINWORD
1842	60	147952	270608	103,06	8328	1	chrome
1740	128	224736	278052	8,50	6816	1	SearchApp
407	38	258716	299892	67,64	2304	1	chrome

PS C:\Users\izael> cls

```

Windows PowerShell
PS C:\Users\izael> Get-Command

CommandType      Name                                     Version      Source
-----
Alias             Add-AppPackage                         2.0.1.0      Appx
Alias             Add-AppPackageVolume                  2.0.1.0      Appx
Alias             Add-AppProvisionedPackage             3.0          Dism
Alias             Add-ProvisionedAppPackage             3.0          Dism
Alias             Add-ProvisionedAppxPackage            3.0          Dism
Alias             Add-ProvisioningPackage               3.0          Provisioning
Alias             Add-TrustedProvisioningCertificate    3.0          Provisioning
Alias             Apply-WindowsUnattend                3.0          Dism
Alias             Disable-PhysicalDiskIndication        2.0.0.0      Storage
Alias             Disable-StorageDiagnosticLog          2.0.0.0      Storage
Alias             Dismount-AppPackageVolume             2.0.1.0      Appx
Alias             Enable-PhysicalDiskIndication         2.0.0.0      Storage
Alias             Enable-StorageDiagnosticLog           2.0.0.0      Storage
Alias             Flush-Volume                         2.0.0.0      Storage
Alias             Get-AppPackage                       2.0.1.0      Appx
Alias             Get-AppPackageDefaultVolume           2.0.1.0      Appx
Alias             Get-AppPackageLastError               2.0.1.0      Appx
Alias             Get-AppPackageLog                    2.0.1.0      Appx
Alias             Get-AppPackageManifest               2.0.1.0      Appx
Alias             Get-AppPackageVolume                 2.0.1.0      Appx
Alias             Get-AppProvisionedPackage            3.0          Dism
Alias             Get-DiskSNV                          2.0.0.0      Storage
Alias             Get-Language                         1.0          LanguagePackManagement
Alias             Get-PhysicalDiskSNV                  2.0.0.0      Storage
Alias             Get-PreferredLanguage                1.0          LanguagePackManagement
Alias             Get-ProvisionedAppPackage            3.0          Dism
Alias             Get-ProvisionedAppxPackage           3.0          Dism
Alias             Get-StorageEnclosureSNV              2.0.0.0      Storage
Alias             Get-SystemLanguage                   1.0          LanguagePackManagement
Alias             Initialize-Volume                    2.0.0.0      Storage
Alias             Mount-AppPackageVolume                2.0.1.0      Appx
Alias             Move-AppPackage                      2.0.1.0      Appx
Alias             Move-SmbClient                       2.0.0.0      SmbWitness
Alias             Optimize-AppProvisionedPackages       3.0          Dism
Alias             Optimize-ProvisionedAppPackages       3.0          Dism
Alias             Optimize-ProvisionedAppxPackages     3.0          Dism
Alias             Remove-AppPackage                    2.0.1.0      Appx
Alias             Remove-AppPackageVolume              2.0.1.0      Appx
Alias             Remove-AppProvisionedPackage          3.0          Dism
Alias             Remove-EtwTraceSession               1.0.0.0      EventTracingManagement
Alias             Remove-ProvisionedAppPackage          3.0          Dism
Alias             Remove-ProvisionedAppxPackage         3.0          Dism
Alias             Remove-ProvisioningPackage           3.0          Provisioning
Alias             Remove-TrustedProvisioningCertificate 3.0          Provisioning
Alias             Set-AppPackageDefaultVolume           2.0.1.0      Appx
Alias             Set-AppPackageProvisionedDataFile     3.0          Dism
Alias             Set-AutologgerConfig                 1.0.0.0      EventTracingManagement
Alias             Set-EtwTraceSession                  1.0.0.0      EventTracingManagement
Alias             Set-PreferredLanguage                1.0          LanguagePackManagement
Alias             Set-ProvisionedAppPackageDataFile     3.0          Dism
Alias             Set-ProvisionedAppXDataFile          3.0          Dism
Alias             Set-SystemLanguage                   1.0          LanguagePackManagement
Alias             Write-FileSystemCache                 2.0.0.0      Storage
Function          A:
Function          Add-BCDataCacheExtension              1.0.0.0      BranchCache
Function          Add-BitLockerKeyProtector             1.0.0.0      BitLocker
Function          Add-DnsClientNrptRule                 1.0.0.0      DnsClient
Function          Add-DtcClusterTMMapping               1.0.0.0      MsDtc
Function          Add-EtwTraceProvider                  1.0.0.0      EventTracingManagement
Function          Add-InitiatorIdToMaskingSet           2.0.0.0      Storage
Function          Add-MpPreference                      1.0          ConfigDefender
Function          Add-MpPreference                      1.0          Defender
Function          Add-NetEventNetworkAdapter            1.0.0.0      NetEventPacketCapture
Function          Add-NetEventPacketCaptureProvider     1.0.0.0      NetEventPacketCapture
Function          Add-NetEventProvider                  1.0.0.0      NetEventPacketCapture

```

```
PS C:\Users\izael> $env:computername | Select-Object
DESKTOP-ET4ESIL
PS C:\Users\izael> Get-Process
```

Handles	NPM(K)	PM(K)	WS(K)	CPU(s)	Id	SI	ProcessName
-----	-----	-----	-----	-----	--	--	-----
98	5	956	4924		2468	0	AggregatorHost
289	14	22300	36348	0,30	1348	1	ai
381	22	15640	32500	0,14	10372	1	ApplicationFrameHost
515	38	42140	1480	0,30	4848	1	CalculatorApp
302	25	50664	87044	3,73	1848	1	chrome
407	38	259444	300736	67,77	2304	1	chrome
297	17	12236	24520	0,16	6944	1	chrome
662	40	196004	199528	85,58	7552	1	chrome
327	24	31176	75632	0,59	7724	1	chrome
234	10	6808	9352	0,03	8204	1	chrome
1844	59	148080	269604	103,86	8328	1	chrome
244	15	15996	24764	0,50	8348	1	chrome
370	23	26100	53776	8,02	8864	1	chrome
400	27	96868	119676	12,33	9080	1	chrome
296	23	36052	65700	0,91	9272	1	chrome
249	20	21656	32144	0,05	9960	1	chrome
388	24	62488	103244	1,63	10928	1	chrome
144	7	1456	9072	0,08	8760	1	CompPkgSrv
134	9	6540	12320		4364	0	conhost
277	14	5768	17400	2,30	5392	1	conhost
130	10	6676	12624	0,02	6304	1	conhost
111	7	6324	564	0,08	6780	1	conhost
108	7	6228	10444		8528	0	conhost
589	22	2032	5852		628	0	csrss
574	24	2544	5972		740	1	csrss
441	17	4256	21292	10,86	6328	1	ctfmon
358	17	3540	12952		5084	0	dasHost
209	17	3260	11416		5132	0	dllhost
266	16	3988	13056	0,19	10672	1	dllhost
1128	47	72820	72192		1396	1	dwm
2889	105	163064	187088	19,94	7032	1	explorer
50	6	1848	4556		964	0	fontdrvhost
50	12	3320	9148		1028	1	fontdrvhost
0	0	60	8		0	0	Idle
379	17	2836	14368	0,06	10788	1	jucheck
265	15	2192	16208	0,05	8292	1	jusched
268	20	12888	20360	3,80	1476	1	Lightshot
1410	26	8052	23028		800	0	lsass
0	0	72	316		2004	0	Memory Compression
388	22	13832	32264		7328	0	MoUserCoreWorker
473	16	10324	22312		3600	0	MpDefenderCoreService
823	197	291928	188204		3780	0	MsMpEng
128	12	33496	24396		3496	0	mysqld
487	298	591604	196568		4260	0	mysqld
205	39	3696	11068		4800	0	NisSrv
699	35	12372	40468		3512	0	nvcontainer
361	20	8036	28736	0,88	6164	1	nvcontainer
503	28	38112	54192	8,17	6380	1	nvcontainer
446	22	22588	36480		1616	0	NVDisplay.Container
615	29	38468	48692		2768	1	NVDisplay.Container
191	10	2176	9984		10196	0	nvfvsdksvc_x64
572	27	49688	40376	0,14	3984	1	NVIDIA Share
352	35	67288	92028	4,72	6776	1	NVIDIA Share
905	49	92032	105748	3,41	9940	1	NVIDIA Share
633	76	29668	11580	1,36	6444	1	NVIDIA Web Helper


```
PS C:\Users\izael> mkdir minha_pasta
```

Diretório: C:\Users\izael

Mode	LastWriteTime	Length	Name
d----	25/08/2024 14:09		minha_pasta

```
PS C:\Users\izael> Remove-Item minha_pasta -Recurse
```

```
PS C:\Users\izael> ls
```

Diretório: C:\Users\izael

Mode	LastWriteTime	Length	Name
d----	23/02/2024 18:44		.android
d----	28/09/2023 16:21		.atom
d----	12/05/2022 14:09		.dotnet
d----	28/09/2023 15:27		.ssh
d----	12/05/2022 14:46		.templateengine
d----	13/10/2021 21:14		.VirtualBox
d----	04/01/2024 17:25		.vscode
d-r--	29/06/2021 19:07		3D Objects
d----	13/09/2021 17:49		ansel
d----	18/10/2021 00:33		Cisco Packet Tracer 8.0.1
d-r--	29/06/2021 19:07		Contacts
d-r--	28/08/2022 13:43		Desktop
d----	21/08/2024 21:08		Documents
d-r--	25/08/2024 13:00		Downloads
d-r--	29/06/2021 19:07		Favorites
d-r--	29/06/2021 19:07		Links
d-r--	17/11/2023 16:10		Music
dar--l	08/05/2022 20:20		OneDrive
d----	06/10/2023 14:53		PycharmProjects
d-r--	08/01/2022 01:52		Saved Games
d-r--	29/06/2021 19:09		Searches
d----	17/09/2021 13:02		source
d-r--	25/08/2024 12:55		Videos
-a----	09/02/2024 17:19	8048	.bash_history
-a----	28/09/2023 14:55	63	.gitconfig
-a----	09/02/2024 02:16	20	.lessht
-a----	18/10/2021 00:19	176	.packettracer
-a----	10/01/2024 02:15	1550	.viminfo

```
PS C:\Users\izael> Test-Path -Path Downloads
True
```

```
PS C:\Users\izael> Test-Path -Path Download
False
```

```
PS C:\Users\izael> █
```

PS C:\Users\izael> driverquery

Nome do módulo	Nome de exibição	Tipo de driver	Data do link
1394ohci	1394 OHCI Compliant Ho	Kernel	
3ware	3ware	Kernel	18/05/2015 19:28:03
ACPI	Microsoft ACPI Driver	Kernel	
AcpiDev	Driver de dispositivos	Kernel	
acpiex	Microsoft ACPIEx Drive	Kernel	
acpipagr	Driver do Agregador do	Kernel	
AcpiPmi	Driver Medidor de Ener	Kernel	
acptime	Driver do Alarme de At	Kernel	
Acx01000	Acx01000	Kernel	
ADP80XX	ADP80XX	Kernel	09/04/2015 17:49:48
AFD	Ancillary Function Dri	Kernel	
afunix	afunix	Kernel	
ahcache	Application Compatibil	Kernel	
amdgpio2	Driver de Cliente AMD	Kernel	07/02/2019 06:32:20
amdi2c	Serviço de Controlador	Kernel	20/03/2019 01:57:33
AmdK8	AMD K8 Processor Drive	Kernel	
AmdPPM	AMD Processor Driver	Kernel	
amdsata	amdsata	Kernel	14/05/2015 09:14:52
amdsbs	amdsbs	Kernel	11/12/2012 18:21:44
amdxtata	amdxtata	Kernel	30/04/2015 21:55:35
AppID	Driver IDAp1	Kernel	
AppleKmdfFilte	Apple KMDf Filter Driv	Kernel	08/05/2018 01:16:38
AppleLowerFilt	Apple Lower Filter Dri	Kernel	08/05/2018 01:16:38
applockerfltr	Driver de Filtro Smart	Kernel	
AppvStrm	AppvStrm	File System	
AppvVemgr	AppvVemgr	File System	
AppvVfs	AppvVfs	File System	
arcsas	Driver de Miniporta Ad	Kernel	09/04/2015 16:12:07
AsyncMac	Driver de mídia assínc	Kernel	
atapi	Canal de IDE	Kernel	
b06bdrv	QLogic Network Adapter	Kernel	25/05/2016 04:03:08
bam	Background Activity Mo	Kernel	
BasicDisplay	BasicDisplay	Kernel	
BasicRender	BasicRender	Kernel	
bcmfn2	bcmfn2 Service	Kernel	31/10/2016 23:09:15
Beep	Beep	Kernel	
bindflt	Windows Bind Filter Dr	File System	
browser	Navegador	File System	
BthA2dp	Microsoft Bluetooth A2	Kernel	
BthEnum	Serviço de Enumerador	Kernel	
BthHFEnum	Driver do Perfil de Vi	Kernel	
BthLEEnum	Driver de Baixa Energi	Kernel	
BthMini	Driver de Rádio Blueto	Kernel	
BTHMODEM	Driver de Comunicação	Kernel	
BTHPORT	Driver de Porta Blueto	Kernel	
BTHUSB	Driver USB de Rádio B1	Kernel	
bttflt	Filtro VHDPMEM BTT do	Kernel	
buttonconverte	Serviço para dispositi	Kernel	
CAD	Driver de Arbitragem d	Kernel	
cdfs	CD/DVD File System Rea	File System	
cdrom	Driver de CD-ROM	Kernel	
cht4iscsi	cht4iscsi	Kernel	05/02/2019 10:51:31
cht4vbd	Chelsio Virtual Bus Dr	Kernel	05/02/2019 10:47:51
CimFS	CimFS	File System	
circlass	Dispositivos de IV do	Kernel	
ClcFlt	Windows Cloud Files Fi	File System	
CLFS	Common Log (CLFS)	Kernel	

```

PS C:\Users\izael> powercfg
Parâmetros inválidos -- tente digitar "/" para obter ajuda
PS C:\Users\izael> powercfg / batteryreport
Parâmetros inválidos -- tente digitar "/" para obter ajuda
PS C:\Users\izael> Powercfg /batteryreport
Não é possível realizar a operação. Ocorreu um erro inesperado (0x10d2): A biblioteca, unidade ou conjunto de mídias
está vazio.

PS C:\Users\izael> systeminfo

Nome do host: DESKTOP-ET4ESIL
Nome do sistema operacional: Microsoft Windows 10 Pro
Versão do sistema operacional: 10.0.19045 N/A compilação 19045
Fabricante do sistema operacional: Microsoft Corporation
Configuração do SO: Estação de trabalho autônoma
Tipo de compilação do sistema operacional: Multiprocessor Free
Proprietário registrado: izaeljunior007@gmail.com
Organização registrada: N/A
Identificação do produto: 00330-80000-00000-AA664
Data da instalação original: 29/06/2021, 18:57:56
Tempo de Inicialização do Sistema: 25/08/2024, 12:52:00
Fabricante do sistema: Gigabyte Technology Co., Ltd.
Modelo do sistema: H310M M.2 2.0
Tipo de sistema: x64-based PC
Processador(es): 1 processador(es) instalado(s).
[01]: Intel64 Family 6 Model 158 Stepping 10 GenuineIntel ~3600 Mhz
Versão do BIOS: American Megatrends Inc. F11 DB, 29/05/2019
Pasta do Windows: C:\WINDOWS
Pasta do sistema: C:\WINDOWS\system32
Inicializar dispositivo: \Device\HarddiskVolume2
Localidade do sistema: pt-br;Português (Brasil)
Localidade de entrada: pt-br;Português (Brasil)
Fuso horário: (UTC-03:00) Brasília
Memória física total: 16.327 MB
Memória física disponível: 11.667 MB
Memória Virtual: Tamanho Máximo: 18.759 MB
Memória Virtual: Disponível: 12.801 MB
Memória Virtual: Em Uso: 5.958 MB
Local(is) de arquivo de paginação: C:\pagefile.sys
Domínio: WORKGROUP
Servidor de Logon: \\DESKTOP-ET4ESIL
Hotfix(es): 35 hotfix(es) instalado(s).
[01]: KB5042097
[02]: KB5030841
[03]: KB4562830
[04]: KB4580325
[05]: KB5003791
[06]: KB5011048
[07]: KB5011067
[08]: KB5012170
[09]: KB5015684
[10]: KB5041580
[11]: KB5006753
[12]: KB5007273
[13]: KB5011352
[14]: KB5011651
[15]: KB5014032
[16]: KB5014035
[17]: KB5014671
[18]: KB5015895
[19]: KB5016705
[20]: KB5020372
[21]: KB5022924
[22]: KB5023794
[23]: KB5025315
[24]: KB5029709

```

```
PS C:\Users\izael> sfc /scannow
```

Você precisa ser um administrador executando uma sessão do console para poder usar o utilitário sfc.

```
PS C:\Users\izael> sfc /scannow
```

Você precisa ser um administrador executando uma sessão do console para poder usar o utilitário sfc.

```
PS C:\Users\izael> Get-WmiObject -Class Win32_OperatingSystem
```

```
SystemDirectory : C:\WINDOWS\system32
Organization    :
BuildNumber     : 19045
RegisteredUser  : izaeljunior007@gmail.com
SerialNumber    : 00330-80000-00000-AA664
Version        : 10.0.19045
```

```
PS C:\Users\izael>
```