

```
Select Windows PowerShell (x86)

PS C:\Users\samat> $PSVersionTable

Name                           Value
----                           -
PSVersion                      5.1.19041.610
PSEdition                      Desktop
PSCompatibleVersions           {1.0, 2.0, 3.0, 4.0...}
BuildVersion                   10.0.19041.610
CLRVersion                     4.0.30319.42000
WSManStackVersion              3.0
PSRemotingProtocolVersion      2.3
SerializationVersion           1.1.0.1

PS C:\Users\samat>
```

```
Select Windows PowerShell (x86)

PS C:\Users\samat> Get-service | Get-Member

TypeName: System.ServiceProcess.ServiceController

Name                           MemberType Definition
----                           -
Name                           AliasProperty Name = ServiceName
RequiredServices               AliasProperty RequiredServices = ServicesDependedOn
Disposed                       Event System.EventHandler Disposed(System.Object, System...
Close                          Method void Close()
Continue                       Method void Continue()
CreateObjRef                   Method System.Runtime.Remoting.ObjRef CreateObjRef(type r...
Dispose                        Method void Dispose(), void IDisposable.Dispose()
Equals                         Method bool Equals(System.Object obj)
ExecuteCommand                 Method void ExecuteCommand(int command)
GetHashCode                    Method int GetHashCode()
GetLifetimeService             Method System.Object GetLifetimeService()
GetType                        Method type GetType()
InitializeLifetimeService      Method System.Object InitializeLifetimeService()
Pause                          Method void Pause()
Refresh                        Method void Refresh()
Start                          Method void Start(), void Start(string[] args)
Stop                           Method void Stop()
WaitForStatus                  Method void WaitForStatus(System.ServiceProcess.ServiceCo...
CanPauseAndContinue            Property bool CanPauseAndContinue {get;}
CanShutdown                    Property bool CanShutdown {get;}
CanStop                         Property bool CanStop {get;}
Container                      Property System.ComponentModel.IContainer Container {get;}
DependentServices              Property System.ServiceProcess.ServiceController[] Dependen...
DisplayName                    Property string DisplayName {get;set;}
MachineName                    Property string MachineName {get;set;}
ServiceHandle                  Property System.Runtime.InteropServices.SafeHandle ServiceH...
ServiceName                    Property string ServiceName {get;set;}
ServicesDependedOn              Property System.ServiceProcess.ServiceController[] Services...
ServiceType                    Property System.ServiceProcess.ServiceType ServiceType {get;}
Site                           Property System.ComponentModel.ISite Site {get;set;}
StartType                      Property System.ServiceProcess.ServiceStartMode StartType {...
Status                         Property System.ServiceProcess.ServiceControllerStatus Stat...
ToString                       ScriptMethod System.Object ToString();
```

```
Windows PowerShell (x86)

549 25 8672 34964 2.05 12844 6 svchost
169 69 2164 4236 0.39 13104 0 svchost
163 10 2584 9148 0.06 6908 6 SynLenovoHelper
791 25 8448 31344 0.94 10744 6 SynTPEnh
307 10 2172 4776 0.43 4328 0 SynTPEnhService
81 7 1100 5768 0.03 1308 6 SynTPHelper
149 9 1812 8120 0.03 7352 6 SynTPLpr
4298 0 212 4904 0 4 0 System
749 35 30592 1580 0.59 6892 6 SystemSettings
310 16 3716 16484 0.39 8452 6 TabTip
272 29 6572 16264 0.50 10516 6 taskhostw
332 20 11492 59172 0.34 1056 6 Teams
1480 76 249352 244756 1,007.86 3188 6 Teams
464 24 17632 45212 6.67 3508 6 Teams
330 27 32012 85256 46.31 5324 6 Teams
660 35 129524 146356 538.83 5544 6 Teams
1190 66 158880 161204 39.67 7556 6 Teams
379 98 176348 220492 234.39 8396 6 Teams
469 128 265920 297728 258.34 9556 6 Teams
299 22 25420 78132 0.44 10500 6 Teams
317 26 26944 61400 0.34 10764 6 Teams
445 42 17616 9768 0.44 4476 0 TeamViewer_Service
517 22 14200 41724 0.66 8184 6 TextInputHost
177 11 1740 4416 0.86 860 0 wininit
278 12 2448 10308 0.28 2836 6 winlogon
1010 70 54300 2556 1.97 8540 6 WinStore.App
1630 63 137028 213896 19.14 5492 6 WINWORD
104 7 1236 2740 0.40 4032 0 wlanext
273 11 2876 5940 0.35 3544 0 WUDFHost
215 7 1404 2816 0.11 11216 0 WUDFHost
513 38 26404 2084 0.55 6068 6 YourPhone

PS C:\Users\samat> Get-Alias processz

CommandType Name Version Source
-----
Alias processz -> Get-Process
```

```
Select Windows PowerShell (x86)
PS C:\Users\samat> Get-Service | fl name, status

Name       : AarSvc_402432d
Status     : Stopped

Name       : AJRouter
Status     : Stopped

Name       : ALG
Status     : Stopped

Name       : AppIDSvc
Status     : Stopped

Name       : AppInfo
Status     : Running

Name       : AppMgmt
Status     : Stopped

Name       : AppReadiness
Status     : Stopped

Name       : AppVClient
Status     : Stopped

Name       : AppXSvc
Status     : Running

Name       : AssignedAccessManagerSvc
Status     : Stopped

Name       : AudioEndpointBuilder
Status     : Running

Name       : Audiosrv
Status     : Running

Name       : autotimesvc
```

```
Select Windows PowerShell (x86)
PS C:\Users\samat> Get-Service | ft name, status

Name                                     Status
----                                     -
AarSvc_402432d                           Stopped
AJRouter                                 Stopped
ALG                                       Stopped
AppIDSvc                                 Stopped
AppInfo                                  Running
AppMgmt                                  Stopped
AppReadiness                             Stopped
AppVClient                               Stopped
AppXSvc                                  Running
AssignedAccessManagerSvc                 Stopped
AudioEndpointBuilder                     Running
Audiosrv                                 Running
autotimesvc                             Stopped
AxInstSV                                 Stopped
BcastDVRUserService_402432d             Stopped
BDESVC                                   Stopped
BFE                                       Running
BITS                                     Stopped
BluetoothUserService_402432d            Stopped
BrokerInfrastructure                     Running
BTAGService                              Running
BthAvctpSvc                              Running
bthserv                                  Running
camsvc                                   Running
CaptureService_402432d                  Stopped
cbdhsvc_402432d                          Running
CDPSvc                                   Running
CDPUserService_402432d                   Running
CertPropSvc                             Stopped
ClickToRunSvc                           Running
ClipSvc                                  Stopped
COMSysApp                                Stopped
ConsentUxUserService_402432d            Stopped
CoreMessagingRegistrar                  Running
cphs                                     Stopped
CredentialEnrollmentManagerUserService_402432d Stopped
```

```
Select Windows PowerShell (x86)
PS C:\Users\samat> Get-Service | fl name, status -AutoSize
Format-List : A parameter cannot be found that matches parameter name 'AutoSize'.
At line:1 char:31
+ Get-Service | fl name, status -AutoSize
+ ~~~~~
+ CategoryInfo          : InvalidArgument: (:) [Format-List], ParameterBindingException
+ FullyQualifiedErrorId : NamedParameterNotFound,Microsoft.PowerShell.Commands.FormatListCommand

PS C:\Users\samat> Get-Service | ft name, status -AutoSize

Name                                     Status
----                                     -
AarSvc_402432d                           Stopped
AJRouter                                 Stopped
ALG                                       Stopped
AppIDSvc                                 Stopped
AppInfo                                  Running
AppMgmt                                  Stopped
AppReadiness                             Stopped
AppVClient                               Stopped
AppXSvc                                  Running
AssignedAccessManagerSvc                 Stopped
AudioEndpointBuilder                     Running
Audiosrv                                 Running
autotimesvc                             Stopped
AxInstSV                                 Stopped
BcastDVRUserService_402432d             Stopped
BDESVC                                   Stopped
BFE                                       Running
BITS                                     Stopped
BluetoothUserService_402432d            Stopped
BrokerInfrastructure                     Running
BTAGService                              Running
BthAvctpSvc                              Running
bthserv                                  Running
camsvc                                   Running
CaptureService_402432d                  Stopped
cbdhsvc_402432d                          Running
CDPSvc                                   Running
CDPUserService_402432d                   Running
```

```
Windows PowerShell (x86)
PS C:\Users\samat> Get-Process | Sort-Object name
```

Handles	NPM(K)	PM(K)	WS(K)	CPU(s)	Id	SI	ProcessName
467	26	15828	32076	0.25	12104	6	ApplicationFrameHost
150	8	1584	2712		6208	0	AppVShNotify
223	14	8320	14616	235.28	12932	0	audiodg
1751	60	113340	182060	38.03	10404	6	chrome
228	9	1744	7244	0.14	10448	6	chrome
204	13	11520	23364	0.06	9288	6	chrome
233	16	32032	56480	1.48	10248	6	chrome
227	18	113968	141744	9.97	11112	6	chrome
318	17	29292	59672	2.08	11996	6	chrome
311	20	13584	32932	4.50	12244	6	chrome
271	22	98560	142992	11.61	11180	6	chrome
220	14	16480	37032	0.39	11228	6	chrome
259	16	23212	63440	1.36	2224	6	chrome
225	17	42476	69696	3.80	3836	6	chrome
220	15	16824	37712	0.45	1616	6	chrome
542	27	95464	113256	5.69	1884	6	chrome
232	16	24144	50024	1.05	5700	6	chrome
235	16	31444	60008	1.64	8728	6	chrome
225	16	30524	57184	1.48	9000	6	chrome
222	15	21116	42312	0.38	7832	6	chrome
216	13	6428	16604	0.56	8240	6	chrome
269	14	5920	17844	10.30	12016	6	conhost
97	7	6212	7016		4040	0	conhost
144	9	1748	1928		4412	0	CptService
679	36	2256	6248		12792	6	csrss
731	24	1868	3448		576	0	csrss
467	16	6200	22792	4.47	12260	6	ctfmon
146	9	1780	8696	0.06	11048	6	dllhost
208	16	3404	6120		8744	0	dllhost
253	25	6124	14884	0.33	7664	6	dllhost
1131	52	68400	97436		2084	6	dwm
2771	97	67324	145592	30.28	9336	6	explorer
32	7	2732	7808		2364	6	fontdrvhost
32	6	1664	1752		712	0	fontdrvhost
562	28	20380	55332	0.64	6656	6	HxAccounts
917	42	27144	1448	0.94	11592	6	HxOutlook

```
Windows PowerShell (x86)
PS C:\Users\samat> Get-Process | Sort-Object name -Descending
```

Handles	NPM(K)	PM(K)	WS(K)	CPU(s)	Id	SI	ProcessName
513	38	26404	1460	0.55	6068	6	YourPhone
273	11	2876	5940		3544	0	MUDFHost
215	7	1404	2816		11216	0	MUDFHost
104	7	1236	2740		4032	0	wlanext
1780	65	158540	248920	77.22	5492	6	WINWORD
1010	70	54300	1492	1.97	8540	6	WinStore.App
278	12	2448	10308		2836	6	winlogon
177	11	1740	4416		860	0	wininit
517	22	14220	41744	1.03	8184	6	TextInputHost
445	42	17616	9768		4476	0	TeamViewer_Service
330	27	32676	86244	68.80	5324	6	Teams
660	35	137680	154860	586.45	5544	6	Teams
471	25	16148	45032	7.14	3508	6	Teams
335	20	11528	59192	0.34	1056	6	Teams
1478	96	234832	229212	1,100.50	3188	6	Teams
299	22	25944	78540	0.53	10500	6	Teams
317	26	26944	61400	0.34	10764	6	Teams
469	131	271988	304280	282.09	9556	6	Teams
1192	66	154960	157128	43.00	7556	6	Teams
379	88	155516	195440	237.84	8396	6	Teams
311	32	6860	17664	0.58	10516	6	taskhostw
317	16	3752	16516	0.69	8452	6	TabTip
749	35	30592	1472	0.59	6892	6	SystemSettings
4341	0	212	4920		4	0	System
149	9	1812	8120	0.03	7352	6	SynTPLpr
81	7	1100	5768	0.03	1308	6	SynTPHelper
307	10	2172	4776		4328	0	SynTPEnhService
791	25	8448	31360	0.95	10744	6	SynTPEnh
163	10	2584	9148	0.08	6908	6	SynLenovoHelper
392	14	3388	8444		2948	0	svchost
421	14	3936	9952		2696	0	svchost
310	15	3648	5864		3100	0	svchost
139	15	1712	3896		3096	0	svchost
229	12	2392	6180		2536	0	svchost
216	10	1952	4604		2372	0	svchost
466	12	3272	6976		2336	0	svchost

```
Windows PowerShell (x86)
PS C:\Users\samat> Get-Service | Where-Object { $_.name -eq "w32time" }
```

Status	Name	DisplayName
Running	W32Time	Windows Time

```
PS C:\Users\samat> Get-Service | Where-Object { $_.name -like "wi*" }
```

Status	Name	DisplayName
Stopped	WiaRpc	Still Image Acquisition Events
Running	WinDefend	Microsoft Defender Antivirus Service
Running	WinHttpAutoProx...	WinHTTP Web Proxy Auto-Discovery Se...
Running	Winmgmt	Windows Management Instrumentation
Stopped	WinRM	Windows Remote Management (WS-Manag...
Stopped	wisvc	Windows Insider Service

```
PS C:\Users\samat>
```

