

This lists all the services on the system by name and their current status (such as running or stopped).
get-service | select-object name, status

to get a list of running services

Get-Service | Select name, status | where {\$_.status -eq "running"}

\$colService = Get-service | select-object name, status

\$colService

How To Find Disk Capacity and Free Space

1) Get-PSDrive- is a native PowerShell cmdlet that lists all storage drives on your local system.

2)Get-PSDrive | Where {\$_.Free -gt 0}

3)Invoke-Command to run the cmdlet on a remote computer.

Invoke-Command -ComputerName HOME-PC {Get-PSDrive | Where {\$_.Free -gt 0}}

4)Get-WmiObject Win32_LogicalDisk -ComputerName HOME-PC -Filter DriveType=3 | Select-Object
DeviceID, FreeSpace, Size

5)To list the size in GB format,

Get-WmiObject Win32_LogicalDisk -ComputerName HOME-PC -Filter DriveType=3 | Select-Object
DeviceID, @{Name='Size (GB)'; 'Expression'={[math]::truncate(\$_.size / 1GB)}}, @{Name='Freespace
(GB)'; 'Expression'={[math]::truncate(\$_.freespace / 1GB)}}

Get-EventLog -display all events in that event log.

Powershell script

1) all of the event logs that are available on our local computer.

Get-EventLog -List

Set-Location C:\Scripts

.\LogInfo.ps1

2) This lists all the services on the system by name and their current status (such as running or stopped).

get-service | select-object name, status

Get-EventLog -LogName Application -Newest 10

Get-EventLog -LogName System -instanceid 16

you can use the -After and -Before attributes to filter results by date.

Get-EventLog -LogName System -instanceid 16 -After(get-date)

PS C:\Windows\system32> ^C

PS C:\Windows\system32> (get-date)

Monday, March 2, 2020 11:57:44 PM

PS C:\Windows\system32> (get-date).AddHours(-3)

Get-EventLog -LogName System -instanceid 16 -After ((get-date).AddHours(-1))

If you want to know how to filter the results, simply pipe the cmdlet to Get-Member:

Get-EventLog application -newest 1 | Get-Member

Get-WMIObject -list

Get-WMIObject -list | ? {\$_.name -Match "win32"}

Get-WMIObject win32_bios

(Get-WMIObject win32_bios).serialnumber

Get-wmiobject win32_computersystem

(Get-wmiobject win32_computersystem).model

Get-wmiobject win32_diskdrive

Get-wmiobject win32_logicaldisk

Get-wmiobject win32_volume

Get-wmiobject win32_process

Get-wmiobject win32_process | ? {\$_.name -like "*firefox*"}

get-wmiobject -ComputerName DESKTOP-SRRBF50