Windows

Useful WMIC and WMI Powershell commands for Windows

Microsoft has deprecated WMIC. Find the equivalent Powershell commands below.

Get computer info:

WMIC: wmic csproduct

Powershell Summary: gwmi -Class Win32 ComputerSystem

Powershell All: gwmi -Class Win32 ComputerSystem | select *

Get BIOS information (including serial #):

WMIC: wmic bios get

Powershell Summary: gwmi -Class Win32 Bios

Powershell All: gwmi -Class Win32_Bios | select *

Get disk usage:

WMIC: wmic logicaldisk get size, freespace, caption

Powershell Summary: Get-WmiObject -Class Win32_LogicalDisk

Powershell All: Get-WmiObject -Class Win32_LogicalDisk | select *

Get logical drives:

WMIC: wmic logicaldisk get caption, description, drivetype, providername, volumename

Powershell Summary: Get-WmiObject -Class Win32 LogicalDisk

Powershell All: Get-WmiObject -Class Win32 LogicalDisk | select *

Get physical disks:

WMIC: wmic diskdrive list brief /format:list

Powershell: Get-CimInstance -ClassName Win32 DiskDrive | select *

Get last boot time:

WMIC: wmic os get lastbootuptime

Powershell: Get-

CimInstance -ClassName Win32 OperatingSystem | select csname, lastbootuptime

Get monitor information:

wmic desktopmonitor get Caption, MonitorType, MonitorManufacturer, Name

Get display resolution:

WMIC: wmic desktopmonitor get screenheight, screenwidth

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Windows

Powershell: Get-WmiObject -Class Win32_DesktopMonitor | Select-Object ScreenWidth, ScreenHeight

Get video adapter/card type:

wmic path win32_VideoController get name

Get printers:

wmic printer list brief

Get memory information:

wmic memorychip list full

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Author: n/a

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