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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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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