

## **:**

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# **Software List - Inventory -WMIC Product**



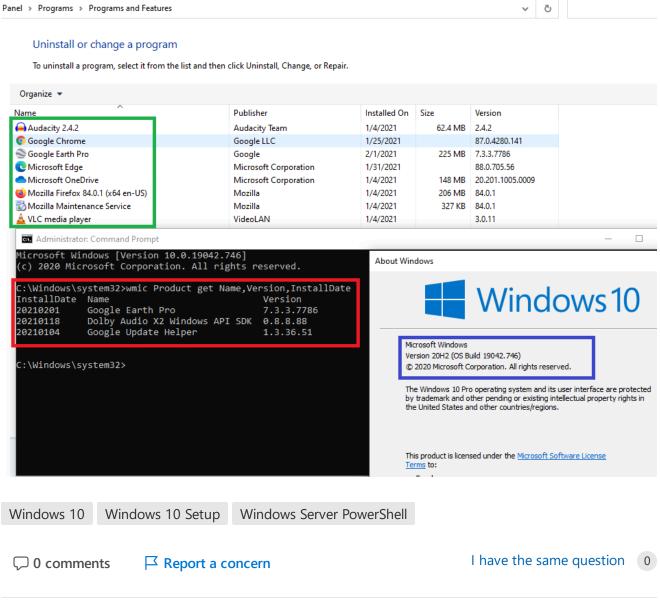
Feb 1, 2021, 10:19 AM

Hi,

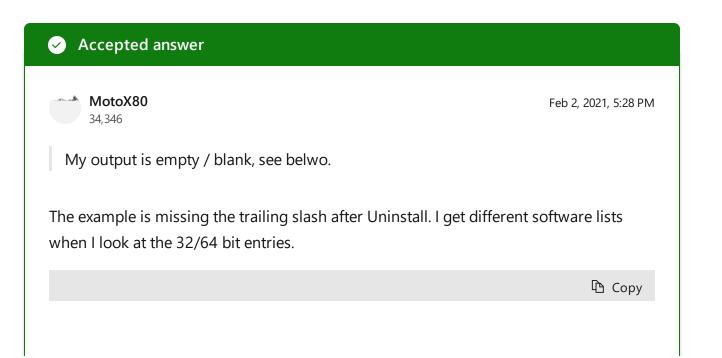
I am trying to generate a list of the installed software using WMIC Product, but it seems like I am getting one a few items listed with command.

See below screenshot for the installed product (available in Control Panel) and the WMIC Product Output as well as my current Windows version.

What might I am doing wrong?







```
Get-ItemProperty HKLM:\Software\Wow6432Node\Microsoft\Windows\CurrentVers:

Get-ItemProperty HKLM:\Software\Microsoft\Windows\CurrentVersion\Uninstall
```

For a combined view, run this.

```
Copy
function Analyze( $p, $f) {
    Get-ItemProperty $p | foreach {
       if (($_.DisplayName) -or ($_.version)) {
            [PSCustomObject]@{
                    From = f;
                    Name = $_.DisplayName;
                    Version = $_.DisplayVersion;
                    Install = $_.InstallDate
             }
      }
    }
}
$s = @()
$s += Analyze 'HKLM:\Software\Microsoft\Windows\CurrentVersion\Uninstall\"
$s += Analyze 'HKLM:\Software\Wow6432Node\Microsoft\Windows\CurrentVersion
$s | Sort-Object -Property Name
```

Instead of WMIC, try Get-CimInstance

```
Get-CimInstance Win32_Product | Sort-Object -property Name | Format-Table
```

One behavior I have noticed is that referencing Win32\_Product generates an event for each product in the application event log. Check your log. You might be getting an error that is stopping the analysis.

Log Name: Application Source: Msilnstaller

Date: 2/2/2021 10:06:39 AM

Event ID: 1035
Task Category: None
Level: Information
Keywords: Classic
User: SYSTEM
Computer: slick
Description:

Windows Installer reconfigured the product. Product Name: Microsoft SQL Server 2014

Management Objects. Product Version: 12.0.2000.8. Product Language: 1033.

Manufacturer: Microsoft Corporation. Reconfiguration success or error status: 0.

Please sign in to rate this answer.

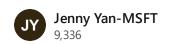
1 person found this answer helpful.

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Hi,

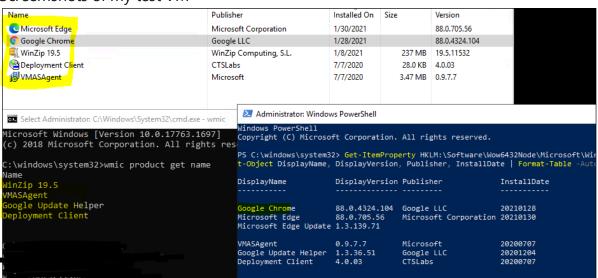
I guess it might be related that "Win32\_Product WMI class represents products as they are installed by Windows Installer. A product generally correlates to one installation package."

And per further searching, there is also powershell command shared to get installed applications:

Get-ItemProperty

HKLM:\Software\Wow6432Node\Microsoft\Windows\CurrentVersion\Uninstall\* | Select-Object DisplayName, DisplayVersion, Publisher, InstallDate | Format-Table – AutoSize

#### Screemshots of my test VM



#### Reference link:

https://devblogs.microsoft.com/scripting/use-powershell-to-quickly-find-installed-software/ 🗷

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Hope this helps and please help to accept as Answer if the response is useful.

Thanks,

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Jenny



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