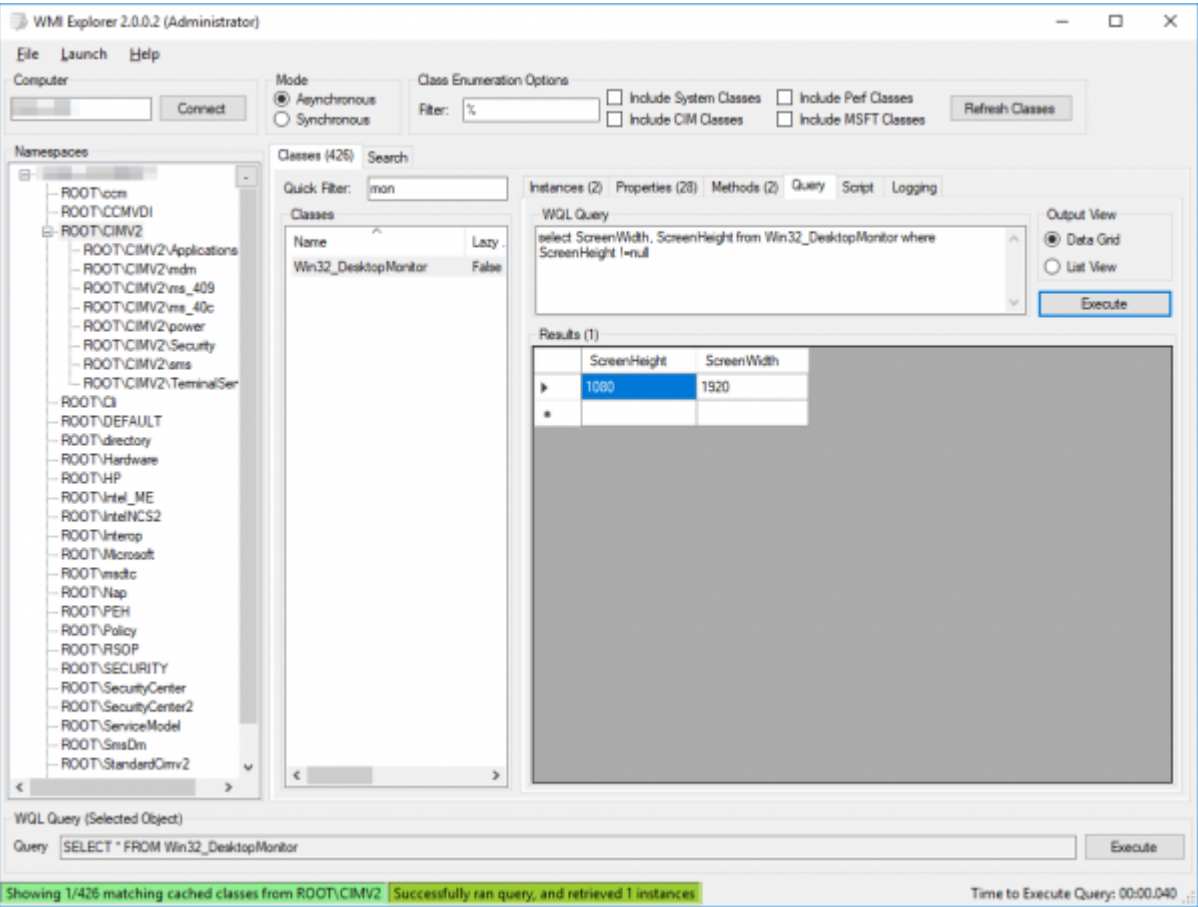


Utiliser les requêtes WMI sous Powershell

Voici comment on peut interroger à distance une information contenu dans les Windows Management Instrumentation (WMI) d'un poste.

```
$remoteuserlist = Get-WmiObject -query "SELECT * FROM Win32_UserAccount WHERE LocalAccount = 'True' and Name != 'Guest'" -computername $PC -verbose
```

Pour tester les requêtes, on peut utiliser l'application WMI Explorer disponible sur ce [site](#)



Exemple de requête:

Nom	Description	Espace de noms	Requête
Client Windows 10	Afficher la Version, le ProductType et l'architecture quand les postes sont sous Windows 10	root\CIMv2	select Version, ProductType, OSArchitecture from Win32_OperatingSystem where (Version like "10.%") and ProductType = "1"

Nom	Description	Espace de noms	Requête
Client Windows 10 x86	Afficher la Version,le ProductType et l'architecture quand les postes sont sous Windows 10 32 bit	root\CIMv2	select Version,ProductType,OSArchitecture from Win32_OperatingSystem where (Version like "10.%") and ProductType = "1" and OSArchitecture="32 bits"
Client Windows 10 x64	Afficher la Version,le ProductType et l'architecture quand les postes sont sous Windows 10 64 bit	root\CIMv2	select Version,ProductType,OSArchitecture from Win32_OperatingSystem where (Version like "10.%") and ProductType = "1" and OSArchitecture="64 bits"
Windows 10 Enterprise	Afficher la Version,le ProductType et l'architecture quand les postes sont sous Windows 10 Entreprise	root\CIMv2	SELECT Version, ProductType, Caption FROM Win32_OperatingSystem WHERE Version LIKE '10.%' AND ProductType='1' AND Caption LIKE '%Ent%'
Windows Server 2012	-	root\CIMv2	select * from Win32_OperatingSystem where Version like "6.2%" and ProductType = "3"
Windows 8	-	root\CIMv2	select * from Win32_OperatingSystem where Version like "6.2%" and ProductType = "1"
Windows Server 2008 R2	-	root\CIMv2	select * from Win32_OperatingSystem where Version like "6.1%" and ProductType = "3"
Windows 7	-	root\CIMv2	select * from Win32_OperatingSystem where Version like "6.1%" and ProductType = "1"
Windows 7 Enterprise	WMI Filter : Only Windows 7 Enterprise Editions	root\CIMv2	SELECT Version, ProductType, Caption FROM Win32_OperatingSystem WHERE Version LIKE '6.1.%' AND ProductType='1' AND Caption LIKE '%Ent%'
Windows Server 2008	-	root\CIMv2	select * from Win32_OperatingSystem where Version like "6.0%" and ProductType = "3"
Windows Vista	-	root\CIMv2	select * from Win32_OperatingSystem where Version like "6.0%" and ProductType = "1"
Windows Server 2003	-	root\CIMv2	select * from Win32_OperatingSystem where Version like "5.2%" and ProductType = "3"
Windows XP	-	root\CIMv2	select * from Win32_OperatingSystem where (Version like "5.1%" or Version like "5.2%") and ProductType = "1"
Résolution 16:9	Sortir la résolution de l'écran d'un poste dans la résolution à un ratio 16:9	root\CIMv2	SELECT ScreenWidth, ScreenHeight FROM Win32_DesktopMonitor WHERE ScreenWidth='1280' AND ScreenHeight='800' OR ScreenWidth='1440' AND ScreenHeight='900' OR ScreenWidth='1680' AND ScreenHeight='1050' OR ScreenWidth='1920' AND ScreenHeight='1080' OR ScreenWidth='1280' AND ScreenHeight='768'

Nom	Description	Espace de noms	Requête
Résolution 4:3	Sortir la résolution de l'écran d'un poste dans la résolution à un ratio 4:3	root\CIMv2	SELECT ScreenWidth, ScreenHeight FROM Win32_DesktopMonitor WHERE ScreenWidth='1024' AND ScreenHeight='768'
Résolution 5:4	Sortir la résolution de l'écran d'un poste dans la résolution à un ratio 5:4	root\CIMv2	SELECT ScreenWidth, ScreenHeight FROM Win32_DesktopMonitor WHERE ScreenWidth='1280' AND ScreenHeight='1024'
Serveur	Sortir uniquement les serveurs	root\CIMv2	Select * from Win32_ComputerSystem where DomainRole <> 0 and DomainRole <> 1
OS x86	Filtre les systèmes d'exploitation en x86	root\CIMv2	SELECT AddressWidth FROM Win32_Processor WHERE AddressWidth='32'
OS x64	Filtre les systèmes d'exploitation en x64	root\CIMv2	SELECT AddressWidth FROM Win32_Processor WHERE AddressWidth='64'
Laptops	Filtre les postes Laptops qui possèdent un status de batterie	root\CIMv2	Select * from Win32_Battery WHERE (BatteryStatus <> 0)

Dell Manufacturer is Dell:

```
SELECT * FROM Win32_ComputerSystem WHERE Manufacturer LIKE "%Dell%"
```

Models from Dell:

```
SELECT * FROM Win32_ComputerSystem WHERE Model LIKE "%Latitude E7440%"
```

```
SELECT * FROM Win32_ComputerSystem WHERE Model LIKE "%Optiplex 990%"
```

```
SELECT * FROM Win32_ComputerSystem WHERE Model LIKE "%Precision M6800%"
```

```
SELECT * FROM Win32_ComputerSystem WHERE Model LIKE "%Venue 11 Pro 7130%"
```

Hewlett-Packard Manufacturer is Hewlett-Packard:

```
SELECT * FROM Win32_ComputerSystem WHERE Manufacturer LIKE "%Hewlett-Packard%"
```

Models from Hewlett-Packard:

```
SELECT * FROM Win32_ComputerSystem WHERE Model LIKE "%HP EliteBook 8540p%"
```

```
SELECT * FROM Win32_ComputerSystem WHERE Model LIKE "%HP EliteBook 8560w%"
```

```
SELECT * FROM Win32_ComputerSystem WHERE Model LIKE "%ElitePad 1000%"
```

Lenovo Manufacturer is Lenovo:

```
SELECT * FROM Win32_ComputerSystem WHERE Manufacturer LIKE "%Lenovo%"
```

Models from Lenovo:

```
SELECT * FROM Win32_ComputerSystemProduct WHERE Version LIKE "%ThinkPad T420%"
```

```
SELECT * FROM Win32_ComputerSystemProduct WHERE Version LIKE "%ThinkPad W520%"
```

```
SELECT * FROM Win32_ComputerSystemProduct WHERE Version LIKE "%ThinkPad Edge E330%"
```

```
SELECT * FROM Win32_ComputerSystemProduct WHERE Version LIKE "%ThinkPad Tablet 2%"
```

Microsoft Hyper-V

```
SELECT * FROM Win32_ComputerSystem WHERE Manufacturer LIKE "%Microsoft Corporation%" AND Model LIKE "%Virtual Machine%"
```

VMWare

```
SELECT * FROM Win32_ComputerSystem WHERE Manufacturer LIKE "%VMware%" AND Model LIKE "%VMware Virtual Platform%"
```

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Last update: **2020/08/10 23:07**