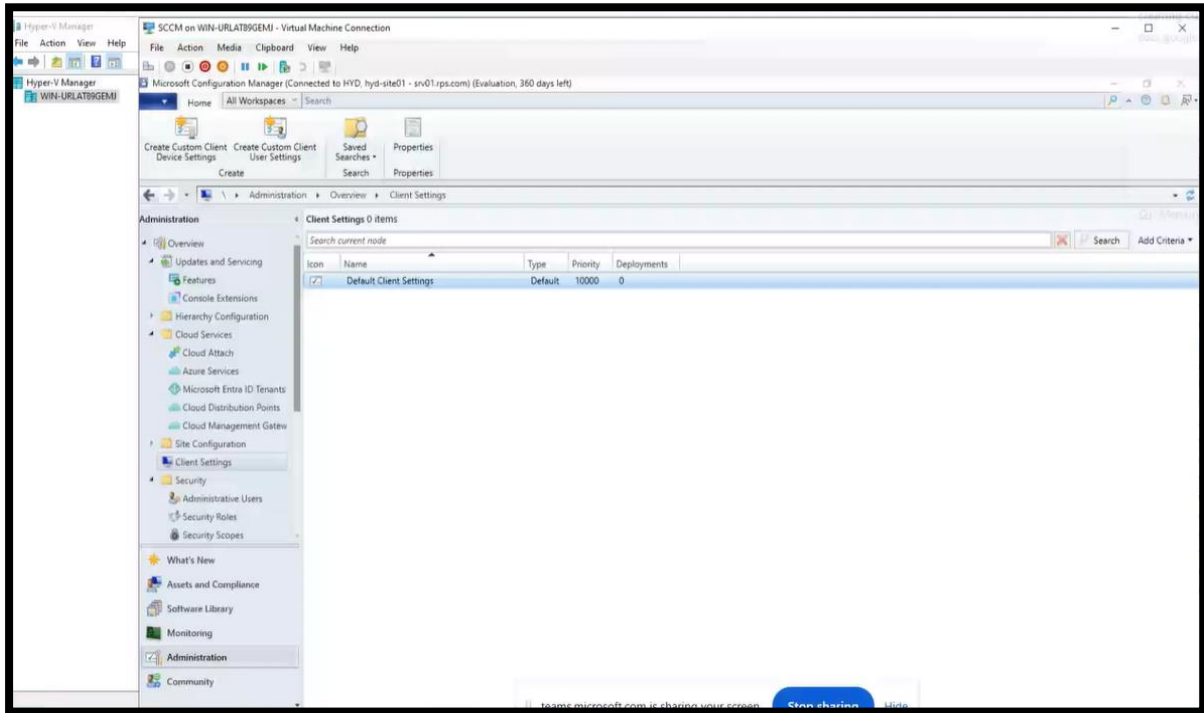


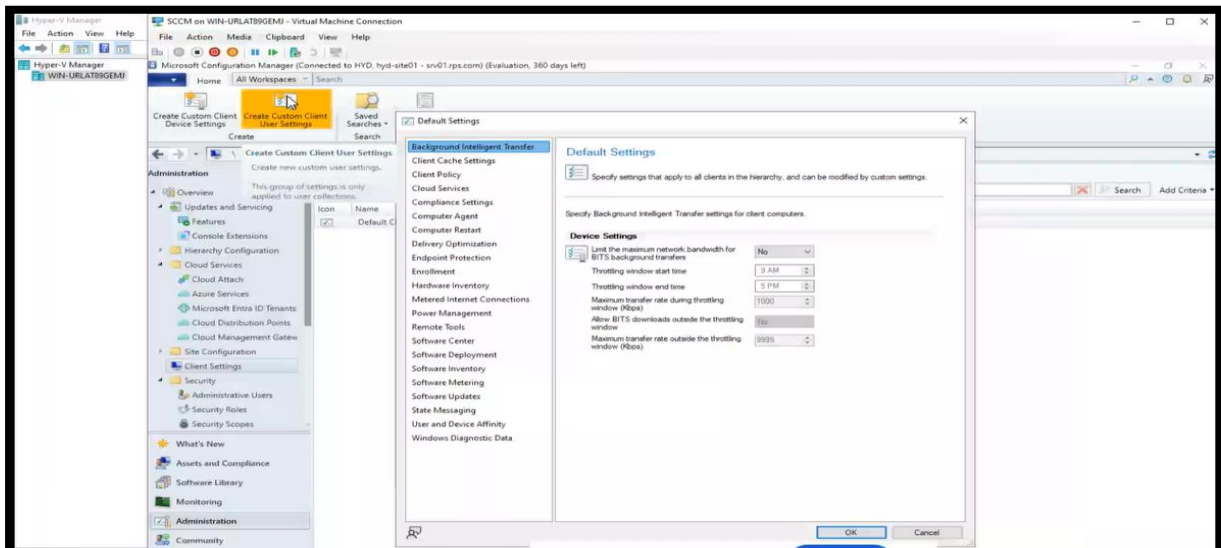
Configure Software Metering

Steps:

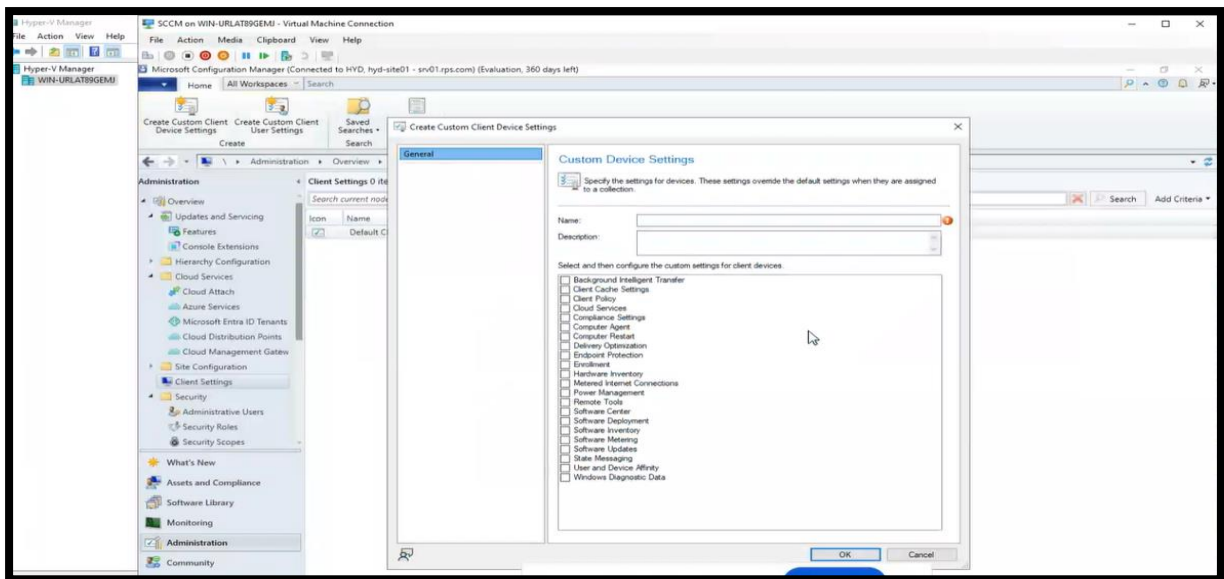
1) In **Site Configuration** click on **Client Settings** and check the client settings available (Default Client Settings).



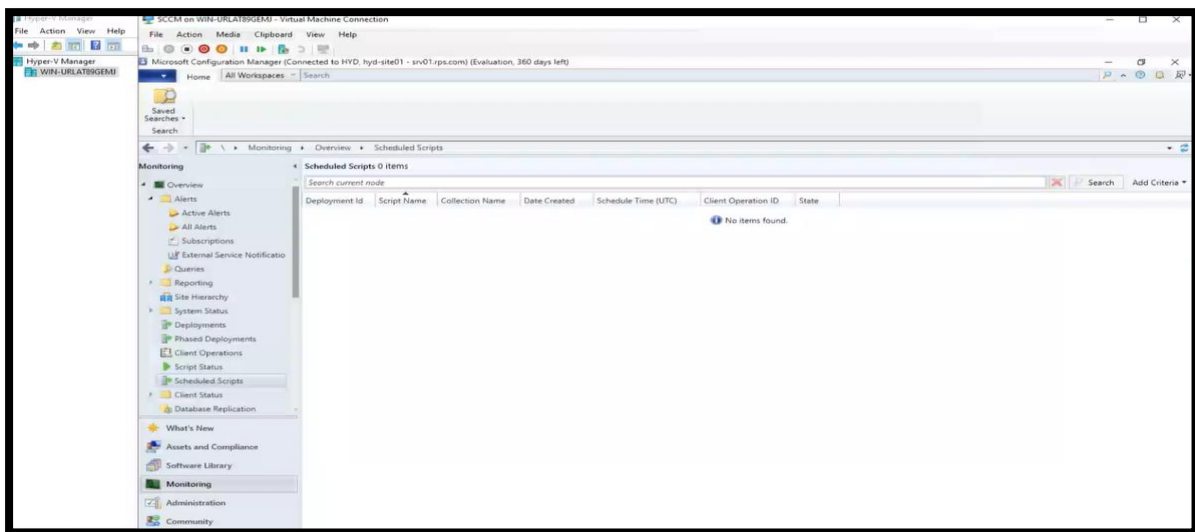
2) Click on **Create Custom client User Settings** and add any settings if you want to directly click **OK**.



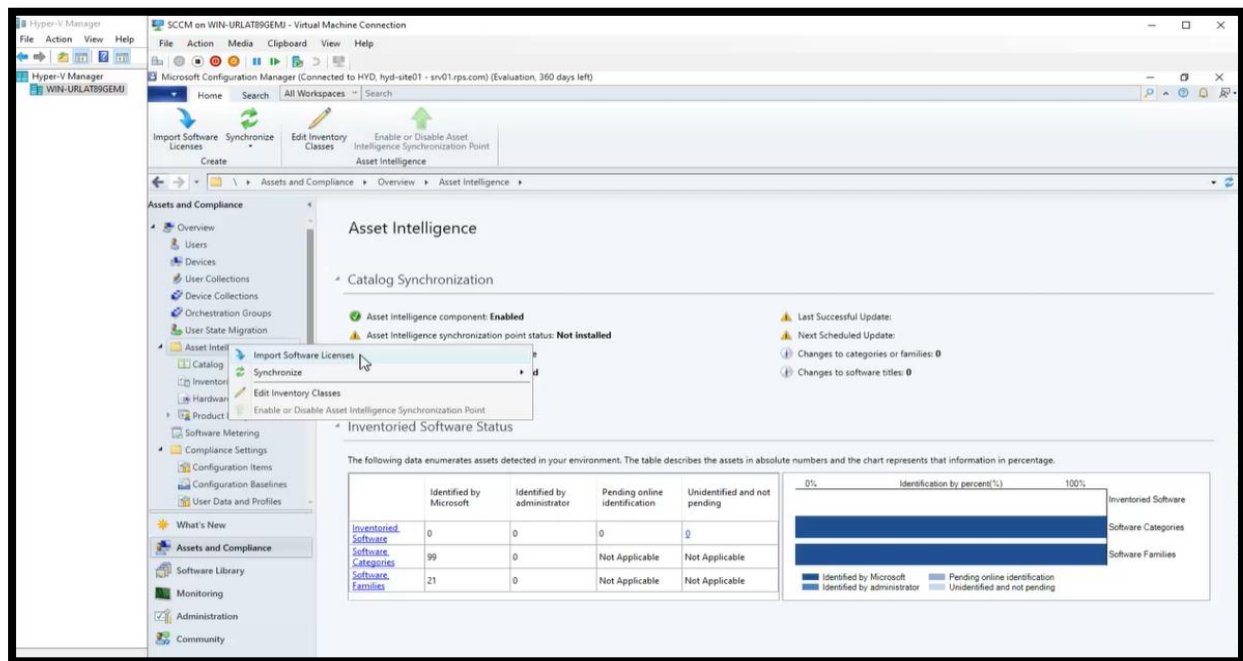
3) Click on **Create Custom Client Device Settings** and add any settings if you want or directly click **OK**.



4) In **Monitoring** (bottom-left-panel) click on **Overview** and click on **Scheduled Scripts** and check if any scripts are available.



5) In **Assets and Compliance** check the details of **Catalog Synchronization** and **Inventoried Software Status** then right click on the folder and click on **Import Software Licenses**.



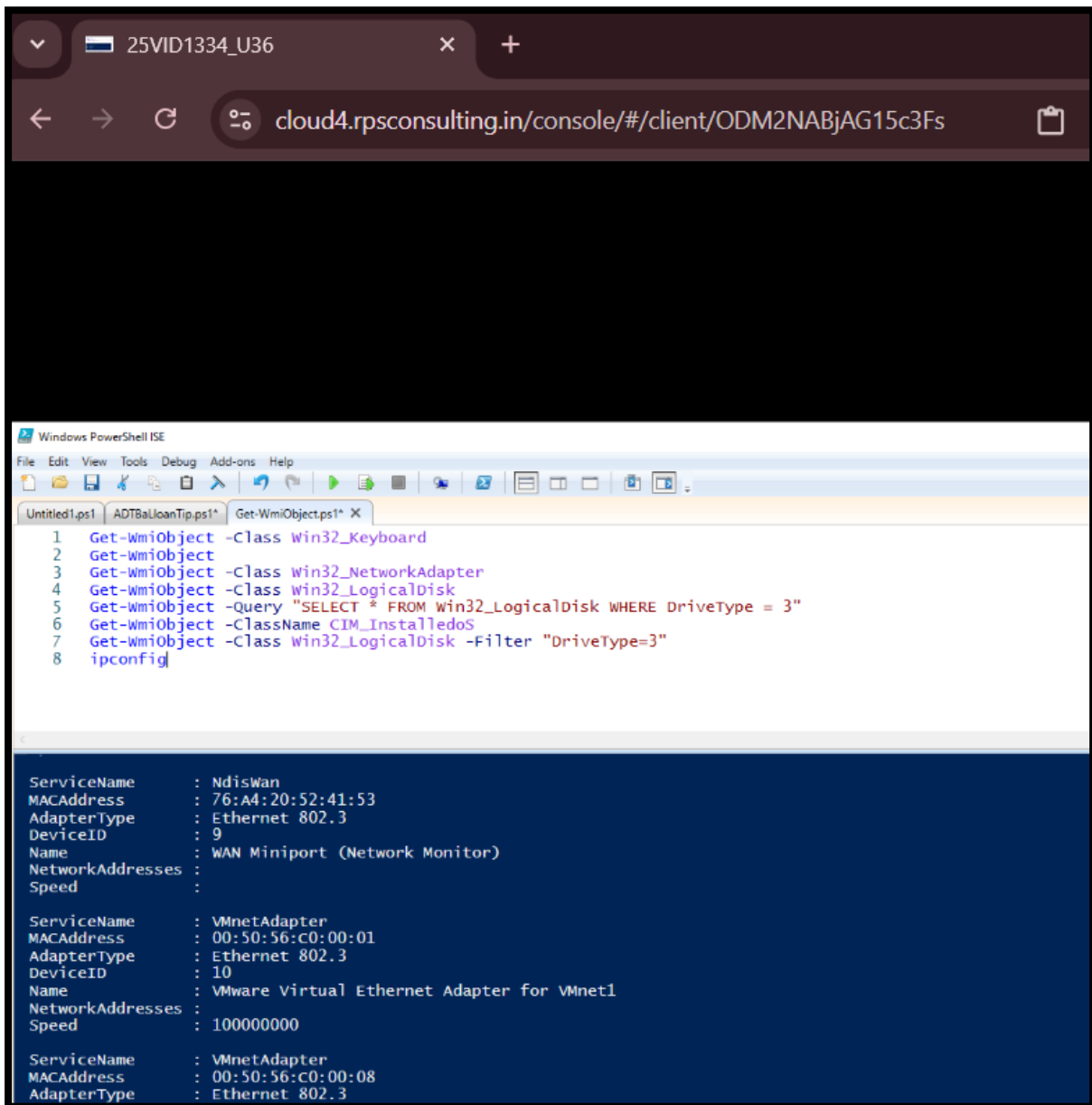
6) Select an **MVLS file (.xml or .csv)** or a **General License Statement file (.csv)**.

7) Then enter the **UNC** path to the license file or browse to select it from a **network share**.

8) Follow the prompts of the **Import Software License Wizard** to complete the process.

9) Ensure the shared folder where the license file is located is properly secured and that the computer account running the wizard has **"Full Control"** permissions to the share.

Commands (Get-WmiObject)



The screenshot shows a web browser window at the top with the address bar displaying `cloud4.rpsconsulting.in/console/#/client/ODM2NABjAG15c3Fs`. Below the browser is a Windows PowerShell ISE window. The script editor shows a series of commands in a numbered list:

```
1 Get-WmiObject -Class Win32_Keyboard
2 Get-WmiObject
3 Get-WmiObject -Class Win32_NetworkAdapter
4 Get-WmiObject -Class Win32_LogicalDisk
5 Get-WmiObject -Query "SELECT * FROM Win32_LogicalDisk WHERE DriveType = 3"
6 Get-WmiObject -ClassName CIM_InstalledOS
7 Get-WmiObject -Class Win32_LogicalDisk -Filter "DriveType=3"
8 ipconfig
```

The output pane displays the results of the commands. The first command returns details for the NdisWan network adapter, and the second command returns details for the VMnetAdapter. The output for the third command is not visible.

```
ServiceName      : NdisWan
MACAddress       : 76:A4:20:52:41:53
AdapterType      : Ethernet 802.3
DeviceID        : 9
Name             : WAN Miniport (Network Monitor)
NetworkAddresses :
Speed           :

ServiceName      : VMnetAdapter
MACAddress       : 00:50:56:C0:00:01
AdapterType      : Ethernet 802.3
DeviceID        : 10
Name             : VMware Virtual Ethernet Adapter for VMnet1
NetworkAddresses :
Speed           : 100000000

ServiceName      : VMnetAdapter
MACAddress       : 00:50:56:C0:00:08
AdapterType      : Ethernet 802.3
```

1) Get-WmiObject -Class Win32_Keyboard

-> **Purpose:** Retrieves information about the **keyboard** attached to the system.

-> **Output:** Device ID, layout, etc.

```
PS C:\Users\admin> Get-WmiObject -Class Win32_Keyboard

__GENUS                : 2
__CLASS                 : Win32_Keyboard
__SUPERCLASS            : CIM_Keyboard
__DYNASTY                : CIM_ManagedSystemElement
__RELPATH                : Win32_Keyboard.DeviceID="ACPI\PNP0303\4&1BD7F811&0"
__PROPERTY_COUNT        : 23
__DERIVATION             : {CIM_Keyboard, CIM_UserDevice, CIM_LogicalDevice, CIM_LogicalElement...}
__SERVER                 : DESKTOP-OG6LAA5
__NAMESPACE             : root\cimv2
__PATH                  : \\DESKTOP-OG6LAA5\root\cimv2:Win32_Keyboard.DeviceID="ACPI\PNP0303\4&1BD7F811&0"
Availability             :
Caption                 : Enhanced (101- or 102-key)
ConfigManagerErrorCode   : 0
ConfigManagerUserConfig  : False
CreationClassName        : Win32_Keyboard
Description              : Standard PS/2 Keyboard
DeviceID                 : ACPI\PNP0303\4&1BD7F811&0
ErrorCleared             :
ErrorDescription         :
InstallDate              :
IsLocked                 :
LastErrorCode            :
Layout                   : 00004009
Name                     : Enhanced (101- or 102-key)
NumberOfFunctionKeys     : 12
Password                 :
PNPDeviceID              : ACPI\PNP0303\4&1BD7F811&0
PowerManagementCapabilities :
PowerManagementSupported : False
Status                   : OK
StatusInfo               :
SystemCreationClassName  : Win32_ComputerSystem
```

2) Get-WmiObject -Class Win32_LogicalDisk

-> **Purpose:** Lists **all logical disks** (e.g., C:, D:).

-> **Output:** Info like drive name, size, free space, and type.

```
PS C:\Users\admin> Get-WmiObject -Class Win32_LogicalDisk

DeviceID      : C:
DriveType     : 3
ProviderName  :
FreeSpace     : 90174480384
Size          : 213566615552
VolumeName    :

DeviceID      : D:
DriveType     : 5
ProviderName  :
FreeSpace     :
Size          :
VolumeName    :

DeviceID      : E:
DriveType     : 3
ProviderName  :
FreeSpace     : 179480018944
Size          : 214729486336
VolumeName    : New Volume
```

3) Get-WmiObject -Query "SELECT * FROM Win32_LogicalDisk WHERE DriveType = 3"

->**Purpose:** Only returns **local hard drives**.

->**DriveType = 3** means fixed/internal hard drives.

->**Output:** C:, D:, etc. (not USB or CD).

```
PS C:\Users\admin> Get-WmiObject -Query "SELECT * FROM Win32_LogicalDisk WHERE DriveType = 3"

DeviceID      : C:
DriveType     : 3
ProviderName  :
FreeSpace     : 90174480384
Size          : 213566615552
VolumeName    :

DeviceID      : E:
DriveType     : 3
ProviderName  :
FreeSpace     : 179480018944
Size          : 214729486336
VolumeName    : New Volume
```

4) Get-WmiObject -ClassName CIM_InstalledOS

-> **Use:** To get **OS details** like version, build, etc.

```
PS C:\Users\admin> Get-WmiObject -ClassName CIM_InstalledOS

__GENUS       : 2
__CLASS       : Win32_SystemOperatingSystem
__SUPERCLASS  : CIM_InstalledOS
__DYNASTY     : CIM_Component
__RELPATH     : Win32_SystemOperatingSystem.GroupComponent="\\\\DESKTOP-OG6LAAS\\root\\cimv2:Win32_ComputerSystem.Name=\\DESKTOP-OG6LAAS\\ro
ot\\cimv2:Win32_OperatingSystem=0"
__PROPERTY_COUNT : 3
__DERIVATION  : {CIM_InstalledOS, CIM_SystemComponent, CIM_Component}
__SERVER     : DESKTOP-OG6LAAS
__NAMESPACE  : root\\cimv2
__PATH       : \\DESKTOP-OG6LAAS\\root\\cimv2:Win32_SystemOperatingSystem.GroupComponent="\\\\DESKTOP-OG6LAAS\\root\\cimv2:Win32_ComputerSystem.Name=\\DESKTOP-OG6LAAS\\ro
ot\\cimv2:Win32_OperatingSystem=0"
GroupComponent : \\DESKTOP-OG6LAAS\\root\\cimv2:Win32_ComputerSystem.Name=\\DESKTOP-OG6LAAS"
PartComponent  : \\DESKTOP-OG6LAAS\\root\\cimv2:Win32_OperatingSystem=0
PrimaryOS      : True
PSComputerName : DESKTOP-OG6LAAS
```

5) Get-WmiObject -Class Win32_LogicalDisk -Filter "DriveType = 3"

->**Same** as query above but uses -Filter instead of SQL-style -Query.

-> **More readable and faster** for simple filters.

```
PS C:\Users\admin> Get-WmiObject -Class Win32_LogicalDisk -Filter "DriveType = 3"

DeviceID      : C:
DriveType     : 3
ProviderName  :
FreeSpace     : 90174480384
Size          : 213566615552
VolumeName    :

DeviceID      : E:
DriveType     : 3
ProviderName  :
FreeSpace     : 179480018944
Size          : 214729486336
VolumeName    : New Volume
```

6) Get-WmiObject -Class Win32_NetworkAdapter

->This PowerShell command retrieves **information about all network adapters** (physical and virtual) on the system.

```
PS C:\Users\admin> Get-WmiObject -Class Win32_NetworkAdapter

ServiceName    : kdnic
MACAddress     :
AdapterType    :
DeviceID       : 0
Name           : Microsoft Kernel Debug Network Adapter
NetworkAddresses :
Speed          :

ServiceName    : RasSstp
MACAddress     :
AdapterType    :
DeviceID       : 1
Name           : WAN Miniport (SSTP)
NetworkAddresses :
Speed          :

ServiceName    : RasAgileVpn
MACAddress     :
AdapterType    :
DeviceID       : 2
Name           : WAN Miniport (IKEv2)
NetworkAddresses :
Speed          :

ServiceName    : Rasl2tp
MACAddress     :
AdapterType    :
DeviceID       : 3
Name           : WAN Miniport (L2TP)
NetworkAddresses :
Speed          :
```