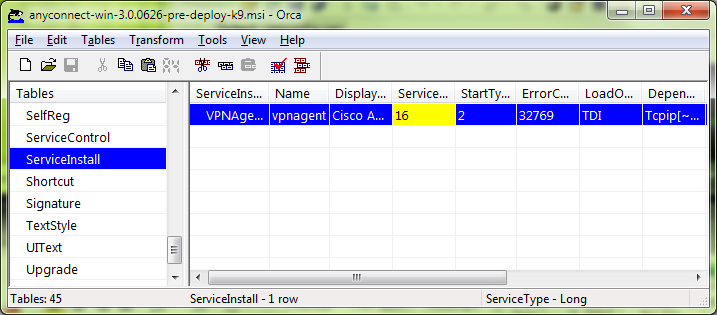
# How to create the "interactive service" transform for the AnyConnect VPN Windows installer.

This procedure details how to generate a transform that has no version or product code restrictions. This means that the transform can be applied to any version of AnyConnect VPN installer.

1. Launch ORCA (orca.msi is included in the Microsoft SDK)
2. Click **File…Open…** and open the AnyConnect pre-deploy installer (anyconnect-win-[version]-pre-deploy-k9.msi)
3. Click **Transform…New Transform**
4. In the **Tables** pane, click the **ServiceInstall** table
5. In the right pane double-click the value of the **ServiceType** field for the VPNAgent.exe



1. Set the value of the ServiceType to 272 = 256 (interactive service) + 16 (service runs in own its process)
2. Click **Transform…Transform Properties…**
3. Ensure that all check boxes are cleared



1. Click **Transform…Generate Transform…**
2. Save the file anyconnect-win-interactive-vpn-servce.mst

# How to apply a transform

This transform will only be applied to the AnyConnect VPN installer. If the installer is invoked for some other .msi using this transform then the transform will be silently ignored because it has no product code validation.

1. Copy the AnyConnect installer (.msi) and transform (.mst) to a temporary folder
2. At a cmd prompt change directory to the temporary folder
3. Invoke the installer:

C:\temp\> msiexec -i anyconnect-win-[version]-pre-deploy-k9.msi TRANSFORMS=anyconnect-win-interactive-vpn-servce.mst -lvx\* install.log