

# Disabling ICS when Preparing to Install or Upgrade to Cisco VPN Client 3.5.X on Microsoft Windows XP

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## Introduction

This document shows how to disable Internet Connection Sharing (ICS) when preparing to install or upgrade to the Cisco VPN Client 3.5.X for Windows on Microsoft Windows XP. You need to disable ICS if you encounter the "must disable ICS" error message while trying to install or upgrade to VPN Client 3.5.X.

**Note:** In VPN Client 3.5(1)D and later, there is an added a parameter to ignore the ICS check prior to install. For more information, refer to Cisco bug ID CSCdw75927.

## Prerequisites

### Requirements

There are no specific requirements for this document.

### Components Used

The information in this document is based on the software and hardware versions below.

- Cisco VPN Client 3.5.X for Windows
- Microsoft Windows XP

The information presented in this document was created from devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If you are working in a live network, ensure that you understand the potential impact of any command before using it.

### Conventions

For more information on document conventions, refer to the Cisco Technical Tips Conventions.

# Disabling ICS

There are three ways you can disable ICS: through the **Desktop**, through the **Control Panel**, or through editing the **Registry**.

## Desktop

To disable ICS through the Desktop, use the following steps.

1. Right Click on **My Computer** and select **Manage > Services and Applications**.
2. Select **Services > Internet Connection Sharing** located under ICS Firewall.
3. Disable **Load on Startup**. IPsec is also found under Services.

## Control Panel

To disable ICS through the Control Panel, use the following steps.

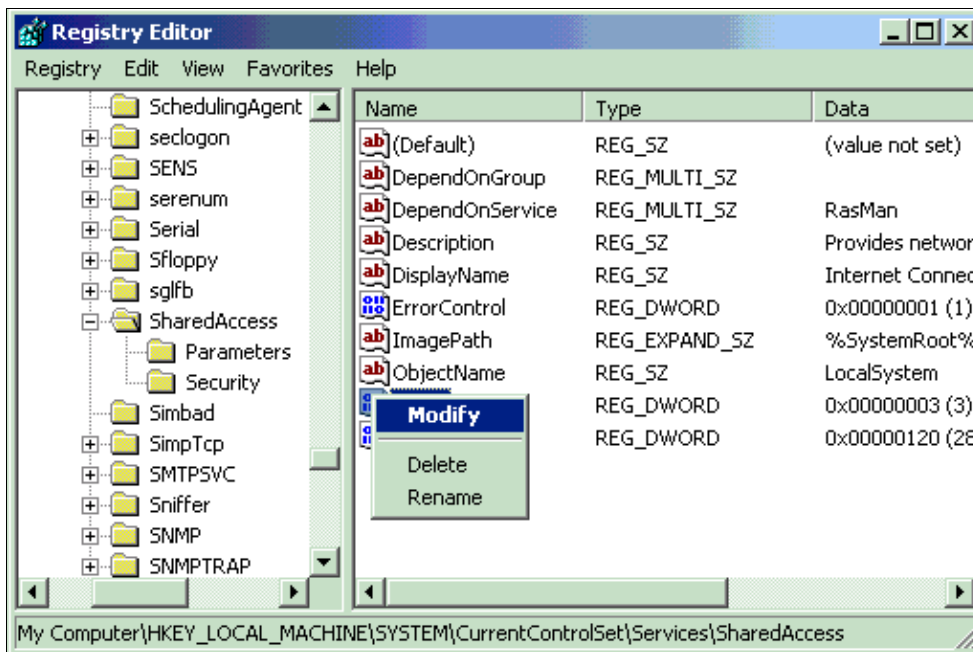
1. Go to **Start > Settings > Control Panel > Administrative Tools > Services**.
2. Select **Services > Internet Connection Sharing** located under ICS Firewall.
3. Disable **Load on Startup**. IPsec is also found under Services.

If the above does not work, then try editing the registry. It is possible that even though the Control Panel shows ICS as disabled, the registry value could still show it as enabled. In that case you still need to disable ICS through the registry even though you already disabled it through the Control Panel.

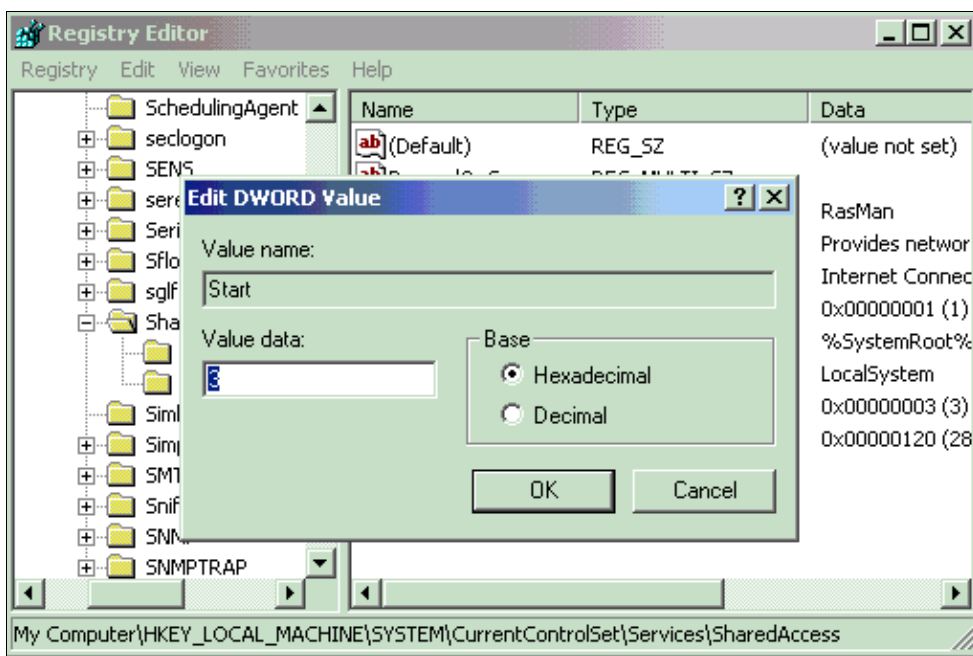
## Registry

To disable ICS through the Registry, use the following steps.

1. Test the regkey for the existence of ICS on Windows XP by doing the following:
  - a. Go to **Start > Run** and type **regedit**.
  - b. Click **OK**.
  - c. In the Registry Editor, double-click on **HKEY\_LOCAL\_MACHINE | SYSTEM | CurrentControlSet | Services | SharedAccess**.



- Now review the **DWORD** value Start, where 0x2 = ICS enabled and 0x3 = ICS disabled. If the value shows **0x2**, then right click and modify it to show **0x3**. This will manually force ICS to shut off and allow the VPN Client installation to continue.

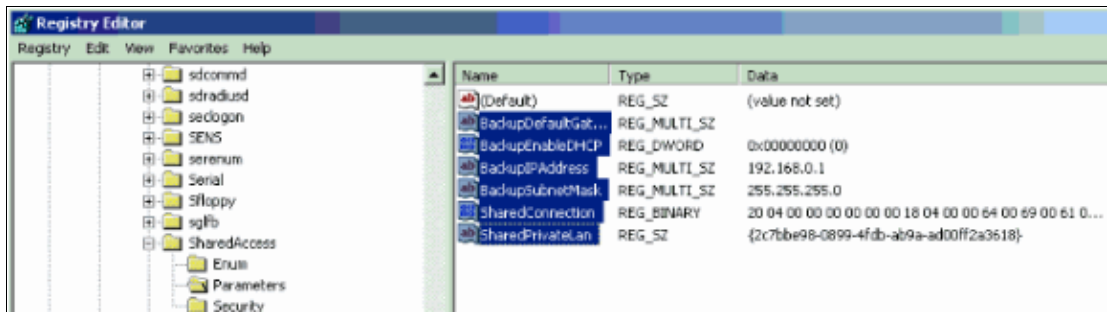


## Disabling ICS on Other Microsoft Operating Systems

For additional information on disabling ICS on other Microsoft Operating Systems, please see the following:

- Registry key to remove ICS:

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\SharedAccess\Parameters\



- Windows Millennium Edition or Windows 98 Second Edition

Registry key to remove ICS (Windows 98):

HKEY\_LOCAL\_MACHINE\\Enum\\Network\\ICSHAREP

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## Related Information

- [Cisco VPN Client Support Page](#)
- [IPSec \(IP Security Protocol\) Support Page](#)
- [Technical Support – Cisco Systems](#)

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