

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

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Contents

Introduction

Prerequisites

- Requirements

- Components Used

- Conventions

Disable ICS

- Desktop

- Control Panel

- Registry

- Disable ICS on Other Microsoft Operating Systems

Related Information

Introduction

This document shows how to disable Internet Connection Sharing (ICS) during the preparation 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 you attempt 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. Refer to Cisco bug ID CSCdw75927 (registered customers only) for more information.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

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

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

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Conventions

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

Disable 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

In order to disable ICS through the Control Panel, use these steps.

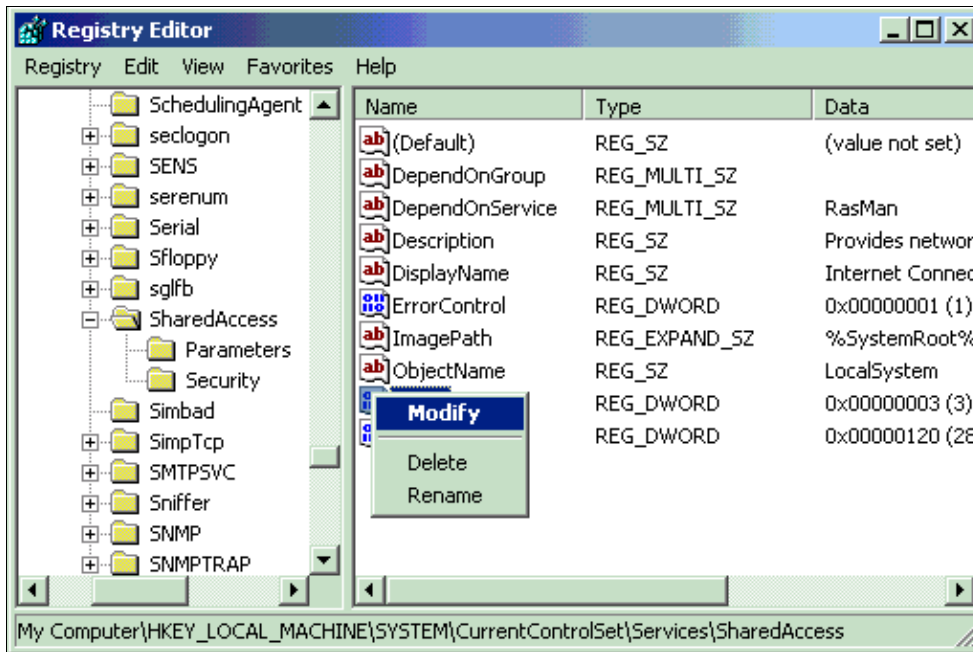
1. Choose **Start > Settings > Control Panel > Administrative Tools > Services**.
2. Choose **Services > Internet Connection Sharing** located in ICS Firewall.
3. Disable **Load on Startup**. IPsec is also found under Services.

If the previous steps do not work, then try to edit 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.

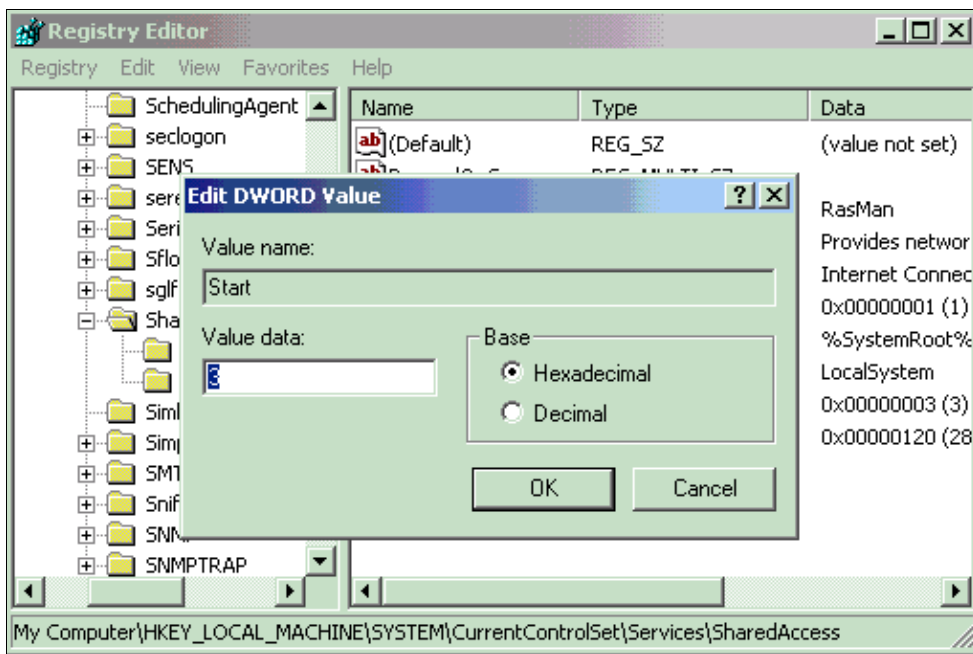
Registry

In order to disable ICS through the Registry, use these steps.

1. Test the regkey for the existence of ICS on Windows XP. Complete these steps:
 - a. Choose **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 manually forces ICS to shut off and allows the VPN Client installation to continue.

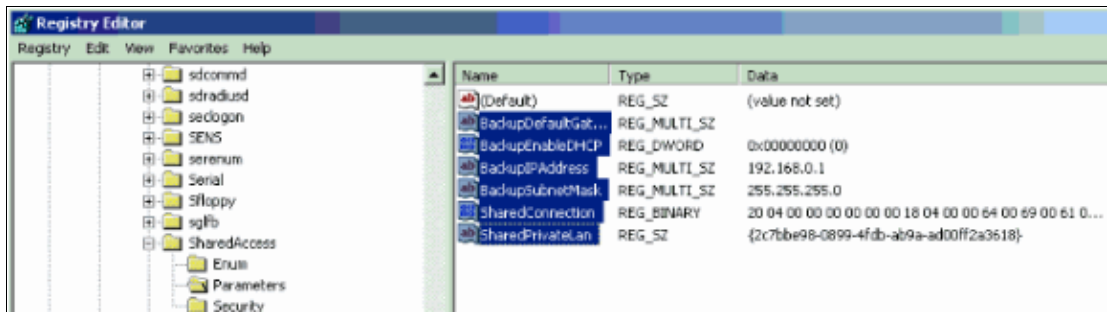


Disable ICS on Other Microsoft Operating Systems

For additional information on how to disable 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
```

Related Information

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

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