

Re: Simultaneous Dial-up and DSL Connection

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2004-08/3922.html

From: Patrick Sears [MSFT] (psears_at_online.microsoft.com)

Date: 08/25/04

Date: Wed, 25 Aug 2004 14:20:09 -0700

As long as this does not violate your company's policies, you may be able to achieve the result you are looking for by disabling the default gateway for the dial-up connection and then manually creating a TCP/IPv4 route to your company's email server after each time you dial. Here's how:

Disable Default Gateway:

- 1) Open your "Network Connections" folder
- 2) Right-click on your dial-up connection and choose "Properties"
- 3) Switch to the "Networking" tab
- 4) Select "Internet Protocol (TCP/IP)" and click on "Properties"
- 5) Click on the "Advanced..." button
- 6) Uncheck "Use default gateway on remote network"
- 7) Click OK 3 times

Manually Create Route:

- 1) Connect to your dial-up connection
- 2) Open a cmd window:
 - a) Click on the Start button and choose "Run..."
 - b) Type in "cmd" and click OK
- 3) Use the ping command to obtain the IP address of your email server:

ping [name of email server]

Example:

```
ping acmemail01
```

- 4) Use the ipconfig command to obtain the IP address for your dial-up connection:

```
ipconfig
```

- 5) Create the route for this dial-up session:

```
route add [first number of email server IP followed by ".0.0.0"] mask  
255.0.0.0 [IP of dial-up connection]
```

For this example, we will assume that you have the following IP addresses:

Email Server: 172.60.12.32

Dialup Connection: 10.45.158.44

Example:

```
route add 172.0.0.0 mask 255.0.0.0 10.45.158.44
```

6) Close the cmd window

Now all of the network traffic destined for your email server (or any other servers on the same general network) should go over your RAS connection, but everything else should go over your broadband connection. Hopefully this will also prevent your dial-up connection from interrupting your ability to share out your broadband connection to your other computers at home.

--

Patrick Sears

Bluetooth PAN

Windows Networking

This posting is provided "AS IS" with no warranties, and confers no rights. Please do not send email directly to this alias. This alias is for newsgroup purposes only.

"gammarisk" <gammarisk@discussions.microsoft.com> wrote in message news:AD7A9E6B-C10C-4343-8EE3-21BB2377331E@microsoft.com...

> In my home office I have a DSL connection that my desktop computer uses for

> Internet access. My desktop is also equipped with a 56k modem, which I have

> recently begun using for dialing in to my company's network for our corporate

> email. I also share my DSL connection with other PC's on my LAN via Internet

> connection sharing. I am the host PC for internet connection sharing. I use

> Windows XP Pro.

>

> The problem I've been having is that whenever I use the modem to dial into

> my workplace, I lose my broadband connection. To make things worse, my

> dial-up connection is only for retrieving email and cannot connect to the

> internet. Thus when I dial-up I lose access to other internet sites.

When I

> disconnect the dial-up session, the broadband connection is automatically

> restored.

>

> Is there a way to use these two connections simultaneously, where the

> dial-up is used solely for retrieving email and all other internet needs

via

> the DSL connection? Is it also possible to share both connections

> simultaneously over LAN?

>

>

>

>

>