

Re: win2000as routing

Source:

http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.ras_routing/2006-03/msg00003.html

- *From:* "Bill Grant" <not.available@online>
 - *Date:* Fri, 3 Mar 2006 12:01:19 +1100
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If you are trying to use this method to route between the two sites, you are using the wrong approach. You do not need to configure routing manually. Manual config fails because the interface does not exist until you make the connection.

The correct procedure is to use RRAS and set up a demand-dial interface to act as the connection point, not the default dialup interface. You link the subnet route to this interface (using the new static route wizard). When the remote site dials in, it connects to the demand-dial interface and the subnet route becomes active. (It is stored in the registry). When the connection is broken, the extra route is removed from the routing table.

Check the entries in help on lan to lan or router to router connections.

Bill Grant wrote:

If it was a bug I think somebody else would have noticed it by now. It has been in production for over six years.

Dejan Rodiger wrote:

Hi,

Does Win 2000 Advanced Server have some bugs in routing?
I have Ethernet card and modem on the server and I have created Incoming connections. It gives IP address to the calling PC.
I have created permanent route (or even non persistent one) to the calling network with modem as a gateway. After the calling PC disconnects, and calls again, my routing doesn't work. I can only ping remote IP address, but it is actually localhost (because routing table is wrong).

For example:

Ethernet card IP address is 192.168.0.2 with default gateway on 192.168.0.1. Modem IF is 0x1000000.

After remote PC connects, my modem has IP 192.168.1.1 and the remote has 192.168.1.2

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Remote network has this parameters 192.168.2.0/24 and all PC's have gateway 192.168.2.1 (the PC with the modem)

Now I create route:

```
route add 192.168.2.0 netmask 255.255.255.0 192.168.1.2 IF 0x10000000
```

Now I can ping remote network (192.168.2.1–254)

After I disconnects and connects again, my routing table is all wrong. It says that my route for network 192.168.2.0 has gateway 127.0.0.1 Even after remote PC connects again, it doesn't resolve the routing table.

For now the solution was:

```
route -f
```

```
route add 192.168.2.0 netmask 255.255.255.0 192.168.1.2 IF 0x10000000
```

But with this I don't have gateway for my ethernet card any more.

This is a bug!