

## Re: DHCP server RAS problems

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.general/2005-05/msg01635.html>

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We do not have Routing and Remote Access Server (RRAS) and VPN. It is only DHCP server and it is clients computers running Windows Xp which are stealing 2 IP numbers each for RAS.

MarcusB

Todd J Heron wrote:

If you install Routing and Remote Access Server (RRAS) and use virtual private networking (VPN), be careful when using DHCP to assign addresses to VPN clients. According to the number of VPN clients you specify, the RRAS server will remove that number of addresses from the DHCP server. For example, if you have a DHCP pool of 200 addresses and configure 100 VPN clients, the RRAS server immediately leases 100 DHCP addresses on behalf of the VPN clients. Such action can result in using the entire DHCP pool unexpectedly. The solution is to be aware of this and either augment your DHCP scopes properly or carve out a piece of the DHCP address pool and have the RRAS server itself hand those IPs out.