

Re: New subnet can't find Internet

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.dns/2007-01/msg00386.html>

- *From:* "Kevin D. Goodknecht Sr. [MVP]" <admin@xxxxxxxxxxxxxxxx>
 - *Date:* Tue, 30 Jan 2007 14:23:27 -0600
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B0b Gr33r wrote:

Hi Kevin,

Thanks for writing. I think I am going to adjust my subnet. We reserved the first 50 addresses of our dot 3 subnet for servers and future growth, so it's not a huge pool.

We have about 200 clients so the CIDR range with 510 useable IP's should suffice. Was there a typo in your post where you suggest that 192.168.3.0/23 wouldn't do? It looks like we should be able to, using the 255.255.254.0 netmask, get the following:

Wildcard Bits 0.0.1.255
First IP in range 192.168.3.0 (network address)
Last IP in range 192.168.4.255 (broadcast address)
First useable IP in range 192.168.3.1
Last useable IP in range 192.168.4.254
Number of useable IPs in range 510

Is this a logic error on my part?

Not a typo.

Actually I posted it with your starting IP range to show that the only way to get from 192.168.3.0 to 192.168.4.254 was to use the 255.255.248.0 mask, I did think you would catch it if what I posted was the real CIDR was 192.168.2.0/23, as 192.168.3.0/23 is not a valid CIDR. 192.168.2.0/23 is the actual CIDR. 192.168.3.0/23 is not valid and the wizard won't accept it, you have to use 192.168.2.0/23 for the wizard to accept it.

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Best regards,

Kevin D. Goodknecht Sr. [MVP]

Hope This Helps

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When responding to posts, please "Reply to Group"
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benefit from your issue, to respond directly to
me remove the nospam. from my email address.
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Use Outlook Express?... Get OE_Quotefix:

It will strip signature out and more

<http://home.in.tum.de/~jain/software/oe-quotefix/>

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Keep a back up of your OE settings and folders
with OEBackup:

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