

# Re: Internal IP addresses showing up with external IP's

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.dns/2006-06/msg00371.html>

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- *From:* "Kevin D. Goodknecht Sr. [MVP]" <[admin@xxxxxxxxxxxxxxxx](mailto:admin@xxxxxxxxxxxxxxxx)>
  - *Date:* Sat, 24 Jun 2006 10:05:38 -0500
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Joe Blough wrote:

We have recently come up with a problem in our domain. We have some systems, including printers, that we cannot ping any longer on our network, but the results from the ping come back as an external address. When I ping a printer at 192.168.134.30, it resolves to 205.178.145.245. Under the Forwarders tab, we point to our ISP's DNS servers (AT&T - 206.141.192.60). The weird thing is that the 205.xxx.xxx.xxx IP address that comes back points to Network Solutions, which hosts our website, and we have noticed this issue since we moved our webhosting to Network Solutions.

Assuming you know that all Active Directory domain members must use ONLY the internal DNS and you have them set up that way (No ISP or external DNS in AD domain members in any position) I'm going to take a guess that your internal domain is a subdomain name of your public domain name. e.g. Public name is company.com AD domain is internal.company.com?

If you look at your ipconfig /all you will see that company.com is in your DNS suffix search list. To resolve this you need to remove company.com from your DNS suffix search list.

The reason this started when you moved to NetSol is because NetSol is one of the hosting providers that by default adds a Wildcard record to your domain zone. IIRC, if you look in the management interface for your public DNS zone with NetSol there is a check box or radial button for "all other names" clearing this will remove the Wildcard record.

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Best regards,  
Kevin D. Goodknecht Sr. [MVP]  
Hope This Helps

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benefit from your issue, to respond directly to me remove the nospam. from my email address.

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<http://www.lonestaramerica.com/>

<http://support.wftx.us/>

<https://secure.lsaol.com/>

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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:

<http://www.oehelp.com/OEBackup/Default.aspx>

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