

Re: Need DNS For Dummies! Please help!

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.dns/2005-04/msg00822.html>

- *From:* "RBell" <RBell@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 28 Apr 2005 06:36:15 -0700
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That did the trick. I had the DNS servers that the ISP had provided me rather than the IP address of the PDC.

Thanks for your help! I really appreciate it!

"Ace Fekay [MVP]" wrote:

> RBell wrote:
>> I feel dumb as a brick that I can't figure this out! Here's my
>> situation:
>>
>> For years my company used an ISP that gave us a range of real IP
>> addresses. I set up DNS and DHCP on my Win2k Server without any
>> trouble and it worked perfectly. Recently we were solicited by a new
>> ISP that promised faster service at a better rate. Needless to say
>> that we switched. The good news is the service is indeed faster. The
>> bad news is I CANNOT get DNS to work.
>>
>> Setup:
>> Firewall/Router (FW/R) statically configured with the one Class A IP
>> address assigned to us by the new ISP. DHCP is not enabled on the
>> FW/R however NAT is enabled.
>>
>> The FW/R is connected to the hub as are both of my servers.
>>
>> The primary server is Win2K (SP4). DHCP is configured to use IP
>> addresses in the 192.168.1.X range. The FW/R is specified in the DHCP
>> scope. DHCP is working great. All clients are assigned an IP address
>> and can access the web with no trouble.
>>
>> The domain name we use is DomainName.CompanyName.com. I have two name
>> servers provided to me by the web host. I also have two DNS servers
>> provided by the ISP. I have tried setting up DNS using the name
>> servers from our web provider and the DNS servers provided by the
>> ISP. Nothing works. I know there is a definite problem as logins take
>> 2 minutes now (literally) whereas they used to be 10 to 15 seconds.
>> Also I cannot add a network printer to any client by browsing the

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>> domain. I cannot change permissions on shares because when I try to
>> add someone I receive an error that says "The program cannot open the
>> required dialog box because no locations can be found."
>>
>> This is driving me up a wall. Can anyone shed some light on this for
>> me?
>
> DNS 101:
> All AD machines (DCs, member servers and clients) MUST always and ONLY use
> the internal DNS server(s) that AD is using in their IP properties. If using
> DHCP for your clients, make sure Option 006 ONLY lists the internal DNS
> server(s) that AD is using.
>
> For Internet resolution, DNS will use the root hints. If you want efficient
> resolution, you can use a Forwarder to your ISP's DNS server. That is set in
> DNS properties, Forwarders Tab.
>
> If that rule has been followed, and you are still experiencing problems,
> please post: an ipconfig /all from your DC and one of your clients.
>
> Thanks!
>
> --
> Regards,
> Ace
>
> Please direct all replies ONLY to the Microsoft public newsgroups
> so all can benefit.
>
> This posting is provided "AS-IS" with no warranties or guarantees
> and confers no rights.
>
> Ace Fekay, MCSE 2003 & 2000, MCSA 2003 & 2000, MCSE+I, MCT, MVP
> Microsoft Windows MVP – Windows Server – Directory Services
>
> Paramount: What's up with taking Enterprise off the air??
> Infinite Diversities in Infinite Combinations.
> =====
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- **Follow-Ups:**
 - ◆ **Re: Need DNS For Dummies! Please help!**
◇ From: Ace Fekay [MVP]

- **References:**
 - ◆ **Need DNS For Dummies! Please help!**

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◇ *From:* RBell

◆ ***Re: Need DNS For Dummies! Please help!***

◇ *From:* Ace Fekay [MVP]

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