

Re: DNS Authentication Issue

Source:

<http://www.tech-archive.net/Archive/Certification/microsoft.public.cert.exam.mcse/2004-12/0275.html>

From: ptwilliams (ptw2001_at_hotmail.com)

Date: 12/07/04

Date: Tue, 7 Dec 2004 06:29:05 -0800

NSLOOKUP is failing because you do not have a reverse-lookup zone. This, in itself, will not stop AD from working. But for piece of mind and troubleshooting I always recommend a Reverse lookup Zone. To simplify administration, use a subnet that encompasses all of your network. For example, if you have four class-c nets, create a class-b reverse zone.

--

Going back to another point you made, do not disable the DHCP client service on the DC. Netlogon uses the DHCP client service to dynamically register the SRV records (every 12 hours by default, but you'll be hard-pressed to find this documented). If it's not running, you won't register SRV records.

Perform the following on the DC:

```
-- Set DHCP service to automatic and start
-- Ensure that the DC is pointing to it's own IP for DNS
-- Ensure the DNS zone accepts dynamic updates
-- Stop netlogon
-- Start netlogon
-- For good measure, type ipconfig /registerdns too ;-)
```

Also ensure that the workstations are configured to point to the internal DNS server.

Once this is done, install the support tools on one of the clients and type nltest /dsgetdc:domain-name.com. If the dsGetDc call succeeds, then the IP-DNS locator should be able to get enough info to work. Logoff and Logon again.

--

Check that both DNS servers are listed in the Name Servers tab -if they're not, add the appropriate servers. The Name Servers tab is what defines the NS record and therefore which servers are authoritative for the domain.

--

Paul Williams

<http://www.msresource.net/>

<http://forums.msresource.net/>

>-----Original Message-----

>This is from the client side of things I have also changed the ip addressing

>fearing the ip zero subnet thing:> The nslookup thing really bugs me cant

>figure out why nslookup cant resolve the name in dns?

>

microsoft.public.cert.exam.mcse: Re: DNS Authentication Issue

```
>> learn from the experience of others, are also
remarkable for
>> their apparent disinclination to do so."
>> -- a quote by Doug Adams (Author of the Hitchhiker's
Guide to the Galaxy)
>
>
>.
>
```