

## Re: WINS server

**Source:**

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**From:** Terry (*it\_at\_REMOVETHISfloydautomatic.co.uk*)

**Date:** 12/03/04

Date: Fri, 3 Dec 2004 11:21:49 -0000

Thanks for confirmation Herb. I'll make the changes and see what happens when everything has refreshed and settled down.

Regards

Terry

"Herb Martin" <news@LearnQuick.com> wrote in message  
news:uDXFS4I2EHA.4072@TK2MSFTNGP10.phx.gbl...

> "Terry" <it@REMOVETHISfloydautomatic.co.uk> wrote in message

> news:#5yqGtH2EHA.824@TK2MSFTNGP11.phx.gbl...

>> I have one server 2003 as the PDC for domain FLOYD, 2 NICs 192.168.1.1 &

>

> It's a DC (there are no PDC or BDC for Win2000+ DCs)

>

>> 192.168.2.1, a handfull of Win98 clients on 192.168.1.xxx with an old

>> workgroup name of OFFICE but running the AD client, a number of WinXPpro

>> clients on 192.168.1.xxx on the FLOYD domain, a WinXPpro client on the

> FLOYD

>> domain sitting at 192.168.2.248. Each server NIC is connected to it's own

>> 100MB Switch.

>

> Unless you have a strong reason, Phillip is correct that

> you should get rid of the OFFICE domain (that is if you

> wish browsing to work among both sets of machines.)

>

> Hopefully you Win2003 domain is ONLY named FLOYD

> in NetBIOS but has a name like FLOYD.com, or .local in

> DNS -- it is BAD to have an AD domain that has a ONE

> TAG name. (The corresponding NetBIOS name will always

> be 1-tag -- that is just NetBIOS.)

>

>> All clients on the .1.xxx can browse each others shares in the FLOYD

> domain

>> and the OFFICE workgroup. They cannot see the .2.248 XP client in the

>> Windows Network under the FLOYD domain, but can Start/Run connect to it's

>> shares.

>>

>> The .2.248 XP client in the Windows Network can see all the FLOYD domain

> XP  
>> clients and connect to shares, it can also see the OFFICE workgroup but  
>> is  
>> denied access to browse it. It can however connect to Win98 client shares  
>> using Start/Run.  
>>  
>> So how do I get to have full browsing, at least between all the XP  
>> clients  
>> on .1.xxx and .2.xxx?  
>  
> Use something else (besides the DC) for the router OR  
> follow Phillip's advice to consolidate to one network and  
> you won't need the WINS server.  
>  
> Also, you need all machines to have the same Workgroup name  
> as the domain name.  
>  
>> Assuming I have a spare WinXPpro machine or two to use as master  
>> browsers,  
>> could I achieve the following? and are you saying that the domain name on  
>> these machines == workgroup name on Win98 clients?  
>  
> Yes. If you want browsing to work fully among them.  
>  
> This is the main PURPOSE of a Workgroup name: to make  
> browsing work for those machines that will share resources.  
>  
>> >You must have at least one domain-NT-class machine on  
>> >each subnet (with same domain name as the workgroup.)  
>> >This machine much end up as master browser for that subnet.  
>  
>  
> --  
> Herb Martin  
>  
>  
>>  
>> Regards  
>> Terry  
>>  
>> "Herb Martin" <news@LearnQuick.com> wrote in message  
>> news:e\$Nkb2\$1EHA.1296@TK2MSFTNGP10.phx.gbl...  
>> > "Terry" <yoo\_hoo\_2000@REMOVETHISntlworld.com> wrote in message  
>> > news:uu#HVC#1EHA.1404@TK2MSFTNGP11.phx.gbl...  
>> >> Hi Herb,  
>> >>  
>> >> From experience I have determined that a separate NIC and switch  
> removes  
>> > the  
>> >> problem experienced by Sage users when a large amount of data is being  
>> > moved

>> >> *on their subnet, just move it across another subnet instead. Hence the*  
>> >> *reason to have a multi-homed PDC.*  
>> >  
>> > *You made a leap (of logic) there from needing two subnets to the*  
>> > *PDC needing two NICs.*  
>> >  
>> >> *I still need to be able to connect to any*  
>> >> *other client on either of the subnets which Routing handles*  
>> >> *brilliantly*  
>> > *for*  
>> >> *WinXP clients, but is poor for Win98 and workgroups.*  
>> >  
>> > *Workgroups do not (directly) support multiple subnets.*  
>> >  
>> > *You must have at least one domain-NT-class machine on*  
>> > *each subnet (with same domain name as the workgroup.)*  
>> >  
>> > *This machine much end up as master browser for that subnet.*  
>> >  
>> >> *There is also a*  
>> >> *Netpilot on subnet 1 which handles all connections to the internet via*  
> *a*  
>> >> *non-nat router, that with a static route or two does the job.*  
>> >>  
>> >> *However it is not recommended to run WINS in this server scenario. Now*  
> *I*  
>> >> *have some choices, forget the older Win98 machines and the workgroup*  
>> > *knowing*  
>> >> *that they are to be upgraded sometime in the near future, or slap a*  
> *WINS*  
>> >> *server on the network. I'm just trying to get a handle on the cost and*  
>> > *work*  
>> >> *involved to see if it is justified in doing. At this moment I see no*  
>> > *reason*  
>> >> *to add a WINS server due to cost even though I have a spare server*  
> *grade*  
>> >> *machine to hand (ex Novell 6.0).*  
>> >  
>> > *But nothing you said above forces the machine to be the DC.*  
>> >  
>> >> *So I guess I have my answer thanks to all who posted.*  
>> >>  
>> >> *Regards*  
>> >>  
>> >> *"Herb Martin" <news@LearnQuick.com> wrote in message*  
>> >> *news:uMDlDa61EHA.1860@TK2MSFTNGP15.phx.gbl...*  
>> >> > *"Terry" <it@REMOVETHISfloydautomatic.co.uk> wrote in message*  
>> >> > *news:OILq3v51EHA.3816@TK2MSFTNGP09.phx.gbl...*  
>> >> >> *I need a separate subnet for moving large amounts of data which if*  
>> >> >> *done*  
>> >> >> *on*



microsoft.public.windows.server.networking: Re: WINS server

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