

# Re: ad and dns setup

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*Source:*

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active\\_directory/2007-08/msg01124](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2007-08/msg01124)

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- *From:* "Jorge Silva" <jorgesilva\_pt@xxxxxxxxxxx>
  - *Date:* Thu, 23 Aug 2007 19:46:37 +0100
- 

If they have correct IP, yes, if not you need to change the NS under zone properties->Name Servers Tab.

--

I hope that the information above helps you.  
Have a Nice day.

Jorge Silva  
MCSE, MVP Directory Services  
"PDIDY" <PDIDY@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
<news:E8302F9B-53A2-4C6D-BDDB-FD6F8D654BBC@xxxxxxxxxxxxxxxxxxx>

In the root domain (DC01):  
- Point each DC to Dc01, clear cache in both DCs, delete everything inside  
\_msdcs, forward zone, reverse lookup zone.

-----  
When I look to delete everything from these zones there are a couple of NS  
entries I cannot delete, should I leave them there with the correct IP  
address?

"Jorge Silva" wrote:

Ok.  
To fully rebuild DNS:  
-For each domain all DCs should point to the same DC/DNS then you can  
perform the changes only in one DC and replicate the changes to the other  
DC.  
- Each time you delete/create something in DNS you should replicate the  
changes immediately to all servers, this helps to speedup the process.  
-Note that in the end EACH child domain should be able to solve each  
existing DNS domain, the same applies to the root domain. You can use  
conditional forwarding, forwarding, secondary zones, etc... choose what  
best  
suits for your scenario  
-In the root domain you need extra cautions because you have the \_msdcs  
zone  
that is used by servers and clients for many different things including

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replication. Make sure that the \_msdcs zone exists and the scope is set to forest wide (don't need to be this way but in my opinion you should have it like that, of course this depends of your existing scenario).  
–The root domain should have have delegations created for each child domain and for the \_msdcs zone (this is not automatically created you must do it manually after deletion).

Basic steps:

Check Sites configuration make sure it's correct.

In the root domain (DC01):

- Point each DC to Dc01, clear cache in both DCs, delete everything inside \_msdcs, forward zone, reverse lookup zone.
- Replicate changes.
- Create the delegation for each child domain and \_msdcs zone.
- Delete the files netlogon.dnb and netlogon.dns from %systemroot%\system32\config.
- Run From cmd ipconfig /registerdns (on both DCs)
- Restart the netlogon service and confirm the creation of the netlogon.dnb and netlogon.dns Files in System32.
- Run from cmd netdiag /fix (on both DCs)
- Replicate changes.

In the Child domain(s):

same thing except for \_msdcs zone and zone delegation(s) (assuming that you don't have child domains for these child domains).

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I hope that the information above helps you.  
Have a Nice day.

Jorge Silva  
MCSE, MVP Directory Services  
"PDIDY" <PDIDY@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
[news:565E325A-92C0-4A05-BBF7-DC1B5C15D9ED@xxxxxxxxxxxxxxxxxxxx](mailto:news:565E325A-92C0-4A05-BBF7-DC1B5C15D9ED@xxxxxxxxxxxxxxxxxxxx)

Parent Child config.

2 Dcs per domain for a total of 6 Dcs

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"Jorge Silva" wrote:

Is this a parent child configuration or 2 tree  
root domains?  
How many DCs for each domain?

--

I hope that the information above helps you.  
Have a Nice day.

Jorge Silva  
MCSE, MVP Directory Services  
"PDIDY"  
<PDIDY@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
wrote in message

[news:96DA105E-2A5B-49D7-907B-DADB70ABDDAE@xxxxxxxxxxxxxxxxxxxx](mailto:news:96DA105E-2A5B-49D7-907B-DADB70ABDDAE@xxxxxxxxxxxxxxxxxxxx)

before i start this just a  
couple of things:  
I have 6 dcs and all have  
dns, so I do this on each  
server or only 1  
in  
each  
domain, since it is ad  
intergrated, and once i  
create the sites in  
ad  
sites  
and services should i delete  
the old ones as it might  
conflict with  
the  
new  
ones..and one more thing if i  
need to do this on all the  
servers it  
it  
better  
to change the config on all  
servers first and then reboot  
1 at a  
time  
or  
do  
the root first followed by the  
children

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"Jorge Silva" wrote:

- Make sure that DNS service is installed.
- Make sure that the DC1 points to itself on Preferred DNS NIC properties.
- Make Sure that you've DNS Zone for your domain and the \_msdcs zone created, and these zones should be ADI (Active Directory Integrated), and allow Secure updates (better from security prespective).
- Make sure that AD Sites and Services have the correct subnet(s) assigned.
- Mark Server as GCs in Active Directory

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Sites and  
Services.

- Delete everything INSIDE the \_msdcs zone and forward lookupZone for your domain.
- Delete the files netlogon.dnb and netlogon.dns from %systemroot%\system32\config.
- Run From cmd ipconfig /registerdns
- Restart the netlogon service and confirm the creation of the netlogon.dnb and netlogon.dns Files in System32.
- Run from cmd netdiag /fix
- Confirm the creation of the records on DNS server.
- You can do a reboot check evrything Ok (1 at the time).

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-Run  
dcdiag and  
netdiag.

--  
I hope that  
the  
information  
above helps  
you.  
Have a Nice  
day.

Jorge Silva  
MCSE,  
MVP  
Directory  
Services  
"PDIDY"

<PDIDY@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in  
message

[news:5F241E62-7A3C-4FBC-A7B9-93460F5BEF8A@xxxxxxxxxx](mailto:news:5F241E62-7A3C-4FBC-A7B9-93460F5BEF8A@xxxxxxxxxx)

Jorge,

Sorry  
for  
the  
little  
information.

I  
took  
an  
exsiting  
functioning  
AD  
strcuture  
from  
VMware  
and  
copied  
it  
over.  
So  
there  
was  
no  
need  
to

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seize  
any  
of  
the  
roles,even  
though  
server  
1  
in  
a.com  
has  
all  
the  
roles.  
All  
I  
want  
to  
do  
is  
change  
networks  
and  
bring  
the  
test  
env.  
back  
up  
with  
new  
IP  
address..The  
only  
things  
killing  
me  
is  
DNS..:(

Thanks,

Paul

"Jorge  
Silva"  
wrote:

Hi  
(assuming

Re: ad and dns setup

that  
your  
test  
server  
is  
NOT  
going  
to  
be  
connected  
again  
to  
the  
production  
environment)  
Can  
you  
explain  
how  
did  
you  
removed  
the  
setup  
from  
a  
different  
network?  
Did  
you  
removed  
references  
to  
existing  
DCs  
in  
the  
Real  
environment?  
Did  
you  
Seize  
the  
roles?  
Did  
you  
run  
dcdiag  
and  
netdiag  
after

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that?

---

I  
hope  
that  
the  
information  
above  
helps  
you.  
Have  
a  
Nice  
day.

Jorge  
Silva  
MCSE,  
MVP  
Directory  
Services  
"PDIDY"  
<PDIDY@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
wrote  
in  
message  
[news:13E0327D-A09A-4EEA-8530-07B9472417D](mailto:news:13E0327D-A09A-4EEA-8530-07B9472417D)

okay  
here  
is  
my  
setup.....

I  
have  
a  
test  
env.  
with  
forest  
a.com  
and  
2  
domains  
within,  
b.a.com  
and

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c.a.com.(all  
win2003)

I  
have  
pulled  
this  
setup  
from  
a  
different  
network  
and  
want  
to  
configure  
it  
on  
a  
different  
network.

I  
have  
three  
ad  
sites  
and  
all  
the  
ou's  
and  
gpo's  
are  
setup.

I  
am  
not  
worried  
about  
names  
conflicting  
as  
this  
will  
be  
on  
an  
isolated  
network  
but  
would  
like

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to  
keep  
all  
the  
ad  
stuff  
intact.  
I  
tried  
to  
change  
the  
ip  
setup  
on  
all  
these  
servers  
and  
restarted  
dns  
and  
the  
netlogon  
service.  
i  
did  
a  
dnsflush  
and  
dns  
register  
and  
i  
am  
still  
not  
able  
to  
have  
dns  
work  
correctly.  
all  
the  
dcs(6  
in  
all,  
are  
dns  
servers

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and  
there  
are  
2  
servers  
per  
site)...i  
am  
getting  
alot  
of  
kdc  
errors  
and  
frs  
errors  
as  
well  
as  
nslookup  
doesn't  
come  
back  
with  
the  
right  
server.  
my  
question  
besides  
what  
am  
i  
missing  
is,  
do  
i  
need  
to  
change  
the  
ns  
in  
dns  
on  
all  
machines,  
and  
should  
i  
get

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rid  
of  
all  
old  
ips  
in  
dns  
and  
replace  
with  
new  
ones...also  
i  
created  
new  
ad  
sites  
with  
the  
new  
ip  
addresses  
and  
assigned  
servers  
to  
those  
sites  
and  
deleted  
the  
old  
ones..  
i  
rebooted  
one  
of  
the  
a.com  
servers  
and  
now  
i  
can't  
even  
log  
in...i  
guess  
my  
question  
is

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when  
changing  
over  
to  
a  
new  
network  
with  
an  
existing  
ad  
and  
dns,  
how  
can  
i  
achive  
no  
pain  
in  
doing  
this?