

Re: DNS-Urgent-Help -Please

Source:

http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.active_directory/2005-06/msg00837.html

- *From:* "Mike" <mike_mcclymont@xxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 27 Jun 2005 10:27:09 -0500
-

Hi Medo

One DC can host multiple ZONESs in the forest, though you will want to ensure you have at least 2 DNS servers with each zone.

You are able to go back to your original design. If you now make your MUX DC a DNS server and point the DCs and clients to this server for name resolution they will be fine. You will need to make user that each client and server can find the DNS zone for each other domain in the forest, either through secondary zones, or forwards.

The config I have used is as followed:

- Root hosts its zone and secondaries for each of the other forest domain zones
- DCs has DNS for their domains
- These DCs below the root forward all unresolved requests to the root DC (who has zones for all other domains in the forest)
- Root forwards to ISP for zones outside the forest.

I also agree with the comments that this is alot of domains for 100 users

Hope this helps!

Mike

"Medo_in_Egypt" <MedoinEgypt@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:825BD7D4-4231-47F6-ACED-070174A7F6BE@xxxxxxxxxxxxxxxxxxxxx>

> Dear All,

>

> We are Planing to Have One Forest, with Multiple Domains Trees as the
> following :-

>

- > 1. KTC.COM
- > 2. MUX.COM
- > 3. TRU.COM
- > 4. LON-UK.COM

>

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- > and Each one of the above Domain have 25 users as the following :-
- > 1. KTC.COM (Have 25 Users).
- > 2. MUX.COM (Have 25 Users).
- > 3. TRU.COM (Have 25 Users).
- > 4. LON-UK.COM (have 25 Users).
- >
- > So the Total Users will be 100 Users.
- >
- > i am going to install KTC.COM as the Forest Root Domain, & Install DNS
- > server on one Machine and configure one Forward Zone with name of the
- > Forest
- > Root Domain which is (KTC.COM) and this DNS server is the Root (.) .
- >
- > and i found that its Working and the Forest Root is Working and the Domain
- > Controller is Able to communicate with the Default DNS.
- >
- > All of 100 users in the Same Network with this IP-Address Schema (
- > 192.168.1.X) / 24.
- >
- > Now, i want to install the Domain (MUX.COM) as New Domain Tree in the
- > existing Forest to share the same Exchange Box.
- >
- > so what i did is :-
- >
- > 1. Bring New Server.
- > 2. Install Windows Advanced Server 2000 Enterprise edition.
- > 3. Put this IP-Address 192.168.1.20 & the DNS For this server will be the
- > Same which is 192.168.1.20.
- > 4. Install the DNS on that Machine.
- > 5. Run this Command (DCPROMO).
- >
- > Here is the Problem, i found that , while i am trying to install the
- > domain,
- > its display error message which is (The Domain Controller for Domain
- > KTC.COM, is Not available).
- >
- > so when i face this situation, i said to my self, this is because the
- > Domain
- > (MUX) is unable to find the DNS and then unable to find the Domain
- > Controller for KTC.
- >
- > (Because the Role is , the Active Directory Clients – WinXP-PRO, Win
- > Server, Win2000 Pro, Win98 ...ETC, should first ASK there DNS server to
- > Get
- > from him the Specific Resource Record , and in this Case i was installed
- > DNS
- > on This Machine and i made it as Root , which is Wrong).
- >
- > So what i did is :-
- > 1. uninstall the DNS server from the Domain (MUX.COM)
- > 2. Create Forward Lookup Zone with this Name (MUX.COM).

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- > 3. Configure the Server to register him self in the DNS of the Domain
- > KTC.COM (By Changing the IP-Address of the Preferd DNS server, to be the DNS
- > server of the Domain KTC.COM , instead of MUX.COM).
- > 4. Run again the DCPROMO Command .
- >
- > then i found that its working Perfect. without any problem and the Trust
- > Relation ship is created automatically and the Users in Both Domains are able
- > to access each other .
- >
- > =====
- >
- > My Questions is :-
- >
- > 1. Can the DNS Host Multiple Domains like My Situation , or Not ?
- >
- > 2. is there any Problems i will face it in the Future from this Design ,
- > with One DNS Server and hosted Multiple Domains on it , and the clients for
- > MUX , will recorde them self only in MUX.COM Forward Lookup Zone, and the
- > users of KTC.COM, will register them self in the KTC.COM Forward Lookup Zone.
- > , do you excepect any Problems in the Future ?
- > =====
- > I tested it from The Clients which is they are register them self in The
- > Forward Lookup Zone of the domain KTC.COM, by using the command NSLOOKUP, and
- > i found that they are able to commnuicate with the DNS server & can see each
- > other in this Forward Lookup Zone only with the name of the Domain (KTC.COM
- >), while they are unable to see any Resource for the domain (MUX.COM) at
- > all, and the same situation for MUX.COM, they are able only to see the
- > Resouce in the Domain MUX.COM only and unable to see the Resource in KTC.COM.
- >
- > so do you think i am correct , or not ? Please Help ?
- >
- >

• **References:**

- ◆ *DNS-Urgent-Help -Please*
◇ From: Medo_in_Egypt

- Prev by Date: *Administrator, Administrators & Domain Admins*

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