

## Re: Need to forward request for a domain to another DNS server

**Source:** <http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.dns/2005-02/0600.html>

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**From:** Herb Martin (*news\_at\_LearnQuick.com*)

**Date:** 02/23/05

Date: Tue, 22 Feb 2005 23:10:48 -0600

"Sameh Ahmed" <essoplus@hotmail.com> wrote in message news:eXEIkKWGFHA.3492@TK2MSFTNGP12.phx.gbl...  
> *what do you mean by put them in a hierarchy, how do I do that?*  
> *I used the second option and it works fine*  
> *thank you for your time.*

Well, they would have to BE in a hierarchy or you would have to add the parent domain to join them into a single hierarchy.

If you use public (Internet) names this is impracticable since it would eliminate Internet name resolution.

In a private name space you could add the local zone above a.local and b.local, or even just having a parent-child relationship, a.local and child.a.local.

But all this is something you have to plan ahead for unless you are willing to give up general Internet resolution.

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Herb Martin

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> "Herb Martin" <news@LearnQuick.com> wrote in message
> news:ehfjllwUGFHA.2296@TK2MSFTNGP15.phx.gbl...
> > "Sameh Ahmed" <essoplus@hotmail.com> wrote in message
> > news:#OpD5OSGFHA.1528@TK2MSFTNGP09.phx.gbl...
> >> Thanks
> >> 1 physical machine
> >> 192.168.0.2
> >> 2 Virtual machines
> >> 192.168.0.3 domain1.local
> >> 192.168.0.7 domain2.local
> >>
> >> DNS server order
> >> 192.168.0.3 not a root server
> >> 192.168.0.7 not a root server
> >> 62.139.105.166 ISP Server
> >> that's the main setup
```

## microsoft.public.win2000.dns: Re: Need to forward request for a domain to another DNS server

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> >> I develop an app that runs on the physical machine that needs to
connect
> > to
> >> Active directory on both machines in the same time.
> >
> > Ok, so if it is two domains (each with their own
> > DNS server set) there are two basic ways to get
> > resolution:
> >
> > 1) Put them in a hierarchy
> > 2) Have each DNS server (set) hold "cross
> > secondaries" for the other DNS zone(s)
> >
> > #1 works best when you have only one tree of
> > zones/domains OR (in a lab etc) don't need
> > Internet connectivity.
> >
> > #2 is a general solution -- if each set of DNS
> > servers can resolve the other DNS zones directly
> > by being a secondary for those other zones then
> > it just works.
> >
> > --
> > Herb Martin
> >
> >
> >> Regards
> >> Sameh
> >>
> >> "Herb Martin" <news@LearnQuick.com> wrote in message
> >> news:uR3a66EGFHA.3492@TK2MSFTNGP12.phx.gbl...
> >> > "Sameh Ahmed" <essoplus@hotmail.com> wrote in message
> >> > news:eCYyiDEGFHA.624@TK2MSFTNGP15.phx.gbl...
> >> >> Actually the main reason for me needing to know how that is done; is
> >> > that
> >> > I
> >> >> have several virtual machines running on my machine hosting several
AD
> >> >> environments, and for some reason, I need to restart or to change
the
> >> > DNS
> >> >> servers order back and forth to be able to resolve the SRV records
for
> >> > each
> >> >> domain.
> >> >> So I wanted to point my NIC to only one virtual DNS server, that
would
> >> > point
> >> >> them to the right records.
> >> >> This is to make is totally clear why I wanted to do that.
> >> >
> >> > Probably, due to misconfiguration (or mis-design
> >> > really) of your DNS setup.
> >> >
> >> > VM's are really no different in terms of troubleshooting
> >> > such things (after the VM is working on the VNet or
> >> > whatever) than anything else.
> >> >
> >> > You have to treat them like they are regular machines
> >> > to simplify the troubleshooting.
> >> >
> >> > Describe your "network" and you intention and we
```

