

Re: Adding site to Domain, question about configuring before deploy

Source:

http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.active_directory/2006-01/msg00305.html

- *From:* "Paul Bergson" <pbergson@xxxxxxxxxx>
 - *Date:* Tue, 10 Jan 2006 20:19:11 -0600
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I just built a dc in a corporate site in Minnesota and shipped it to Florida. I have a remote access controller setup that allows me to attach to the console w/o the machine be attached to the network. Once I can get access to the local machine I can modify the IP Address, setup the new site then throw it on the network and bring it on line and fix dns via running a netdiag /fix..

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"Herb Martin" <news@xxxxxxxxxxxxxxxx> wrote in message
news:%23UKrcViFGHA.2064@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
> "snafu-ed" <snafued@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
> news:151BDD0F-3799-43E4-86A2-B84B28719FE7@xxxxxxxxxxxxxxxxxxxxxxxx
>>I currently have a win2k3 AD domain structure. Our network is setup so
>>that
>>each of our sites use a separate class c network. Routing between sites
>>is
>>controlled through routing tables on our cisco routers.
>>
>>So, if site A is the main site and uses 192.168.x.0 as the network
>>address
>>and site B is the new location and uses 192.168.y.0, is it possible to
>>create
>>the domain controller for site B while at site A?
>
> Yes, but generally it will default to the Site in which its IP
> address places it.
>
> So you will have to (right click and) move it to the correct
> site by the time you physically move it to the new location.
>

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>> From what I've read and
>> experienced you really should never change the IP addresses of Domain
>> controllers so I wouldn't be able to simply set site B's ip address to
>> the
>> same subnet of site A even temporarily.
>
> I have been known to successfully change the IP addresses of
> DCs. The key is to get the DNS changed (and replicated) with
> it. And of course to get its site corrected.
>
> You can also create a "phony subnet" just for this purpose — if
> it bothers you. E.g., 172.16.99.0 as the subnet.
>
> Make it part of the "new site". Setup routing to it in the local
> LAN. Install the DC. Move the DC. Change the address and
> and wait for replication.
>
> Go back and remove the Phone site (e.g., 172.16.99.0) from the
> new site if you wish, so that next time you can use it for another
> "new site."
>
> All of this is likely unnecessary but it is an option.
>
>> I guess what I am trying to determine is if when I create the new site in
>> Active Directory Sites and Services if that will allow me to have the two
>> domain controllers see each other on the same network even though they
>> are
>> showing different IP subnets and there will not be a router between them
>> with
>> the routing tables and to act as site B's gateway.
>
> If you wish, but you may also dispense with the router if you
> run a (temporary) Multi-net and you know how to set the local
> routing on each (affected) DC.
>
>> I'd like to be able to
>> have the whole windows LAN pretty much configured (or as much of it as I
>> can)
>> before I haul everything up to the new site.
>
> This is quite workable if you don't already have machines populating
> that "new site".
>
> The only changes when the ENTIRE subnet moves will be on the routers.
>
>> This will be the first multisite AD implementation that I will have done
>> so
>> I may be making a mountain out of a mole hill.
>
> Probably. <grin> But that is somewhat better than overlooking
> critical problems and not even seeing the real hills for the mountain.

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> (Mixed metaphors.)
>
>> If anyone could give just
>> some good pointers on that I'd appreciate it. I'm planning on doing some
>> experimenting with Virtual PC with this kind of configuration before the
>> install, but I figured I'd throw this question out there to give me some
>> extra things to test.
>
> You would probably find it more natural to just use a small
> router unless you are a real VPC expert. The extra complications
> of VPC can easily obscure the problem (or magnify a non-problem)
> if you aren't not truly adept at VPC.
>
> For most SERVER type testing this is not an issue but it (VPC) can
> quickly present a problem if the network itself is what you are
> trying to model.
>
> VPC can certainly simulate it, but a small router is much more
> naturally isomorphic, i.e., same features, same ideas, same FEEL,
> to the eventual router based setup.
>
> ---
> Herb Martin, MCSE, MVP
> Accelerated MCSE
> <http://www.LearnQuick.Com>
> [phone number on web site]
>
>

• **References:**

- ◆ **[Re: Adding site to Domain, question about configuring before deploy](#)**
 ◇ From: Herb Martin

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